◢◣ THOMSON CONSUMER ELECTRONICS

NORDMENDE
THOMSON TECHNOLOGY

SABA   **TELEFUNKEN**   **THOMSON**

———————————————————————————— **T V** [⦂] ————

SERVICE MANUAL
DOCUMENTATION TECHNIQUE
TECHNISCHE DOKUMENTATION   **TX92**
DOCUMENTAZIONE TECNICA
DOCUMENTACION TECNICA

———————————————————————————— TX 92 X Y Z   6A —

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

⚠
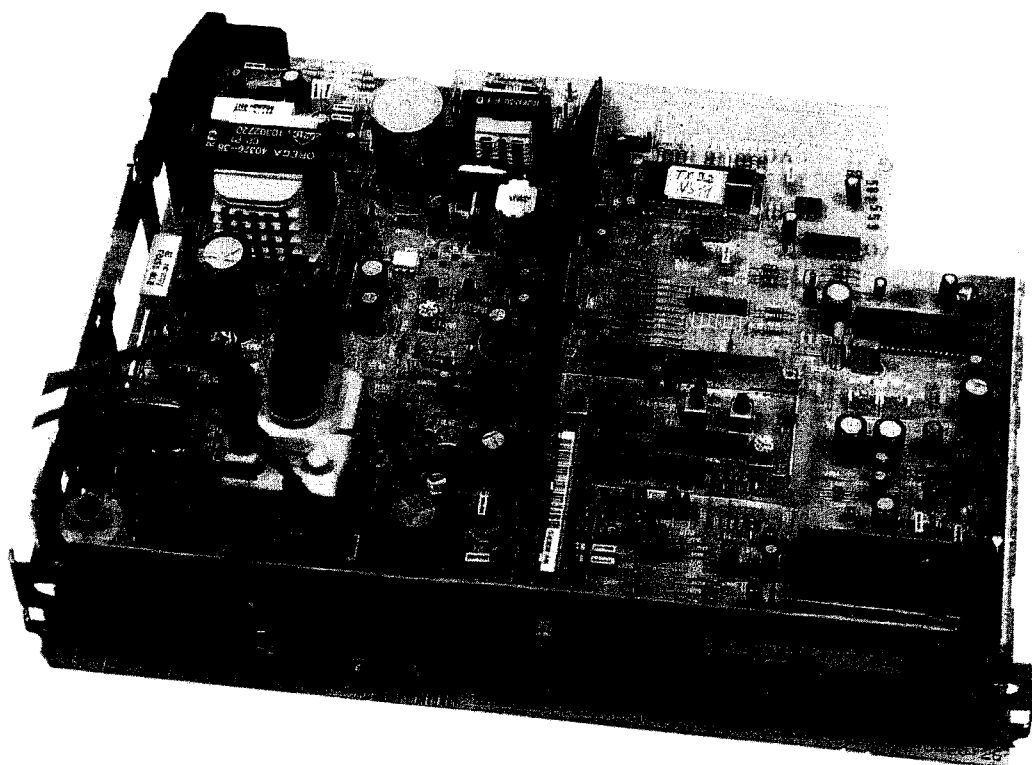
WARNING :	*Before servicing this chassis read the safety recommendations.*
ATTENTION :	*Avant toute intervention sur ce châssis, lire les recommandations de sécurité.*
ACHTUNG :	*Vor jedem Eingriff auf diesem Chassis, die Sicherheitsvorschriften lesen.*
ATTENZIONE :	*Prima di intervenire sullo chassis, leggere le norme di sicurezza.*
IMPORTANTE :	*Antes de cualquier intervención, leer las recomendaciones de seguridad.*

Code : 103.707.40 - 07/95

MEASUREMENT CONDITIONS - CONDITIONS DE MESURES - MESSBEDINGUNGEN
CONDIZIONI DI MISURA - CONDICIONES DE MEDIDAS

RECEIVER: UHF input level : 1 mV, test bar pattern :
- PAL, 1 standard, 100% white.

Scart input level : 1.00 Vpp, test bar pattern.

Programme PR 01.
Customer controls : Contrast, brigtness and colour set at mid point and sound at minimum.
All DC voltages are measured with a digital meter between ground and the reference point.

RECEPTEUR: En UHF, niveau d'entrée 1 mV mire de barres
- SECAM, Norm L, Blanc 100%.

Par la prise Péritélévision, niveau d'entrée 1 Vcc. mire de barres .

Couleur, contraste, lumière à mi-course, son minimum.
Programme affecté PR 01.

Tensions continues relevées par rapport à la masse avec un voltmètre numérique.

EMPFÄNGER: Bei UHF Eingangspegel 1 mV, Farbbalken :
- PAL, Norm G, Weiss 100%.

Über die Scartbuchse : Eingangspegel 1 Vss, Farbbalken :

Farbe, Kontrast, Helligkeit in der Mitte des Bereichs, Ton auf Minimum.
Zugeordnetes Programm PR 01.

Gleichspannungen mit einem digitalen Voltmeter zur Masse gemessen.

RICEVITORE: In UHF, iivello d'entrata 1 mV, monoscopio per barre :
- PAL, norma G. bianco 100%.

Per la pressa SCART, livello d'entrata 1 Vcc, monoscopio per barre :

Colore, Contrasto, Luce a metà corsa, Suono minimo.
Programma designato PR 01.

Tensioni continue rilevate rispetto alla massa con un voltametro numerico.

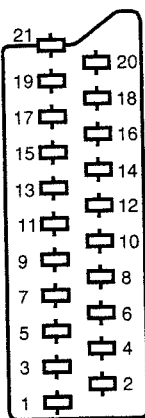**RECEPTOR:** En UHF, nivel de entrada 1 mV, mira de barras :
- PAL, norma G, blanco 100%.

Por la toma Peritelevision, nivel de entrada 1 V pp mira de barra.

Color, Contraste, luz a mitad de carrera, Sonido minimo.
Programa afectado PR 01.

Tensiones continuas marcadas en relacion a la masa con un voltimetro digital.

⊐⊏		ENGLISH	FRANÇAIS	DEUTSCH	ITALIANO	ESPAÑOL
1	⊖→	AUDIO "R"	AUDIO "D"	AUDIO "R"	AUDIO "D"	AUDIO "D"
2	→⊕	AUDIO "R"	AUDIO "D"	AUDIO "R"	AUDIO "D"	AUDIO "D"
3	⊖→	AUDIO "L"	AUDIO "G"	AUDIO "L"	AUDIO "S"	AUDIO "I"
4	⊥	AUDIO	AUDIO	AUDIO	AUDIO	AUDIO
5	⊥	" BLUE "	" BLEU "	"BLAU"	"BLU"	"AZUL"
6	→⊕	AUDIO "L" MONO	AUDIO "G" MONO	AUDIO "L" MONO	AUDIO "S" MONO	AUDIO "I" MONO
7	→⊕	" BLUE "	" BLEU "	"BLAU"	BLU	AZUL
8	→⊕	SLOW SWITCH	COMMUT. LENTE	AV UMSCHALTUNG	"COMMUTAZIONE LENTA"	"CONMUTACION LENTA"
9	⊥	" GREEN "	"VERT"	"GRÜN"	"VERDE"	"VERDE"
10	NC					
11	→⊕	" GREEN "	"VERT""	"GRÜN"	"VERDE"	"VERDE"
12	NC					
13	⊥	" RED "	"ROUGE"	"ROT"	"ROSSO"	"ROJA"
14	NC					
15	→⊕	" RED "	"ROUGE"	"ROT"	"ROSSO"	"ROJA"
16	→⊕	FAST SWITCH	COMMUT. RAPIDE	AUSTASTUNG	"COMMUTAZIONE RAPIDA"	"CONMUTACION RAPIDA"
17	—	VIDEO	VIDEO	VIDEO	VIDEO	VIDEO
18	⊥	FAST SWITCH	COMMUT. RAPIDE	AUSTASTUNG	"COMMUTAZIONE RAPIDA"	"CONMUTACION RAPIDA"
19	⊖→	VIDEO	VIDEO	VIDEO	VIDEO	VIDEO
20	→⊕	VIDEO OR "SYNC"	VIDEO SYNCHRO	VIDEO ODER SYNCHRO	VIDEO O SINCRO	VIDEO O SINCRO
21	⊖→	PLUG SCREEN BOX	BLINDAGE PRISE	ABSCHIRMUNG DES STECKERS	ARMATURA DELLA SPINA	BLINDAJE DEL ENCHUFE

NOTE : (MAIN) ... etc. identifies each pcb module.

NOTE : (MAIN) ... etc. repères des platines constituant l'appareil.

HINWEIS : (MAIN) ...usw. Kennzeichnungen der Platinen, aus denen das Gerät zusammengesetzt ist.

NOTA : (MAIN) ... ecc. indicazioni delle piastre che costituiscono l'apparecchio.

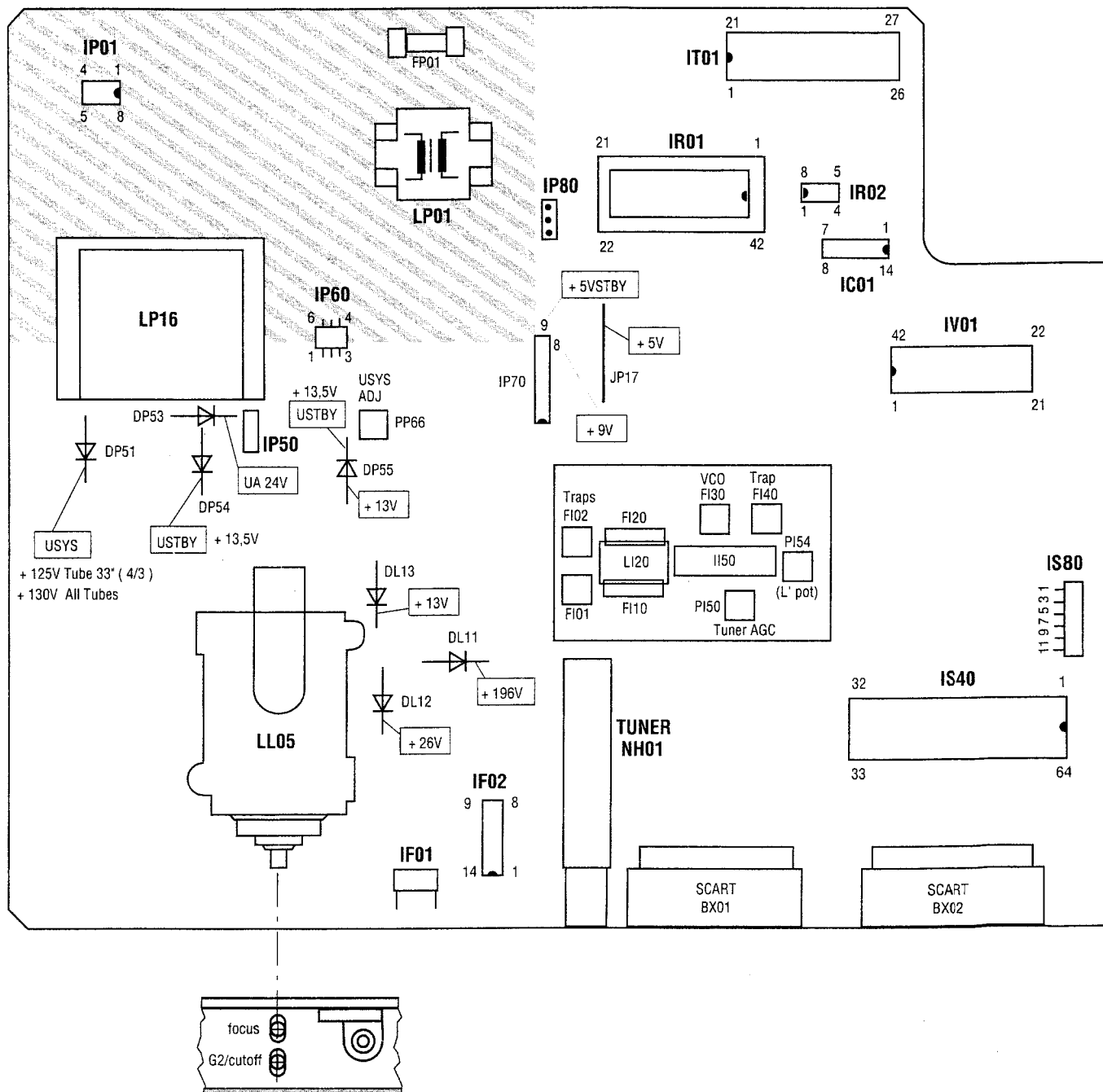**NOTA :** (MAIN) ... etc. marcas de las placas que constituyen el aparato.

⊖→ : OUTPUT - SORTIE - AUSGANG - USCITA - SALIDA
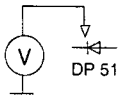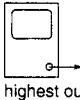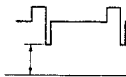
→⊕ : INPUT - ENTRÉE - EINGANG - ENTRATA - ENTRADA

⊥ : EARTH - MASSE - MASSE - MASSA - MASA

2

IP01
4 1
5 8

FP01

LP01

IP80

IT01
21 27
1 26

IR01
21 1
22 42

IR02
8 5
1 4

ICO1
7 1
8 14

+ 5VSTBY

IP70
9
8

JP17

+ 5V

+ 9V

IV01
42 22
1 21

LP16

IP60
6 4
1 3

USYS
ADJ

DP53

DP51

UA 24V

USTBY
+ 13,5V

IP50

USTBY
PP66

DP55

+ 13V

USYS

USTBY + 13,5V

+ 125V Tube 33" (4/3)
+ 130V All Tubes

DL13

+ 13V

DL11

DL12

+ 196V

+ 26V

LL05

IF02
9 8
14 1

IF01

Traps
FI02

FI01

FI20

LI20

FI10

VCO
FI30

II50

PI50

Trap
FI40

PI54

(L' pot)

Tuner AGC

IS80
1 1 9 7 5 3 1

IS40
32 1
33 64

TUNER
NH01

SCART
BX01

SCART
BX02

focus

G2/cutoff

ADJUSTMENTS - REGLAGES - EINSTELLUNGEN
REGOLAZIONE - AJUSTES

U Sys	PP 66	Contrast, brightness and volume to minimum	DP 51	125V - Tube 33" (4/3) (A79 ECU 13x41) | JL52 130V - all tubes tous tubes | JL51
U G2 / cutoff	SCREEN	AV (no Signal, black screen)	CRT IB01: pins 9 / 12 / 15 highest output	Tube type | Cutoff A51 ECN | 150V AXX EAS | 150V AXX ECY | 160V A79 ECU | 160V W56 EGV | 160V W66 EDX | 160V W76 EGC | 160V
FOCUS	FOCUS	Test pattern (standard values)		Sharp picture

SERVICE-MODE (GB)

It is necessary to enter the Service Mode in order to carry out alignment of the TV set. Most adjustments can be made with the RCU, except the Usystem, Focus and Screen voltages.

1. Service Mode Access

1.1 With the RCU, switch the TV set into the "Standby" mode.
1.2 Switch "Off" the TV set by mains supply switch (wait until LED is dark).
1.3 Whilst depressing the RCU "Blue (VT)" button, switch "On" the TV set using the mains supply switch.
1.4 Release and press once again the RCU "Blue (VT)" button, the following "Set-Up" menu should be diplayed."

SET-UP	VIDEO	GEOM
TX92 WS11		Configuration

Important : The Service Mode cannot be entered if any equipment is connected to the Scart socket, i.e. pin 8 switching voltage present.

2. Function or Page Selection (GEOM)

2.1 With the RCU Volume "+" and "-" buttons, highlight the menu containing the function to be aligned.
2.2 Press the RCU "Blue (VT)" button to highlight the function to be aligned, or selected the page (1 or 2).

3. Switching between Service and TV modes

3.1 Whilst in the Service Mode, normal TV controls are disabled, to enable these controls whilst in the Service Mode (i.e. for channel changing etc.) press the "TV" button on the RCU. To return to the Service Mode, press the "Blue (VT)" button on the RCU.

4. Alignment and storing new function value

4.1 The current value of the selected function is displayed in a hexadecimal form to the right of the function name. This value is adjusted by means of the RCU Volume "+" and "-" buttons.
4.2 To STORE the functions new value, highlight **MEMO** and press the RCU Volume "+" button.
4.3 To RESTORE the functions original value, highlight **R-STO(RE)** and press the RCU Volume "+" button.
4.4 Selection the ROM functions downloads the production software default values, these are not very accurate and should only be used in very special cases.
Whilst in the «Service-Mode»,a long press (more than 3s) of the RCU «0» button, will reset the TV to the «factory default conditions».

5. Leaving the Service Mode

5.1 To leave the Service mode either, switch the TV set into "Standby" or switch "Off" the mains supply.

MODE SERVICE (F)

Le mode service sert au réglage de l'appareil. Toutes les opérations de réglage s'effectuent à l'aide de la télécommande (sauf la tension de système, les réglages de Focus et de tension de grille-écran).

1. Accès au mode service

1.1 Commuter le téléviseur en position de veille avec la télécommande
1.2 Eteindre le téléviseur par l'interrupteur secteur (attendre l'extinction complète du voyant).
1.3 Maintenir la touche bleue enfoncée et mettre simultanément le téléviseur en marche avec l'interrupteur secteur.
1.4 Le menu suivant apparait après avoir appuyé à nouveau sur la touche bleue, (VT).

SET-UP	VIDEO	GEOM
TX92WS11		Configuration

Attention : Le mode service n'est pas accessible si un appareil est connecté à la prise péritélévision.

2. Sélection de la fonction ou de la page (GEOM)

Par les touches +/- de la télécommande vous pouvez choisir le menu correspondant (SET UP,VIDEO ou GEOM) et le "feuilleter" ou la page (1 ou 2) avec la touche bleue (VT) .

3. Inversion entre modes service et TV

Les fonctions télévision normales ne sont pas utilisables en mode service. Si elles sont nécessaires en mode service (p. ex. changement de programme), la touche (TV) permet de commuter en mode TV. Vous pouvez revenir au mode service en appuyant sur la touche bleue.

4. Réglage des fonctions sélectionnées; mémorisation

La valeur momentanée de la fonction sélectionnée est indiquée sous forme hexadécimale à droite, à coté de la position à régler et peut être modifiée avec la télécommande par la touche + ou - .
La ligne MEMO permet de mémoriser les nouvelles valeurs de réglage avec la touche +.
La ligne R-STO(RE) permet de rappeler les valeurs mémorisées en NVM.
Les valeurs par défaut du logiciel peuvent être chargées en sélectionnant la fonction ROM . Elles ne constituent cependant qu'une approximation du réglage et ne doivent être utilisées qu'en cas de nécessité.
En mode service une longue pression (plus de 3s) sur la touche «0»reset le TV aux valeurs par défaut des réglages usine.

5. Sortie du mode service

Pour sortir du mode service, commuter le téléviseur en position de veille ou le mettre hors service par l'interrupteur secteur.

Der Service-Mode wird für den Geräteabgleich benötigt. Alle Einstellungen erfolgen mit der Fernbedienung (bis auf Systemspannung, Fokuseinstellung und Schirmgitterspannung).

1. Service-Mode einschalten

1.1 Mit der Fernbedienung das Fernsehgerat in Stand-by schalten.
1.2 Das Gerät mit dem Netzschalter ausschalten (warten bis LED dunkel ist)
1.3 Die blaue Taste der Fernbedienung gedrückt halten und gleichzeitig das Gerat mit dem Netzschalter einschalten.
1.4 Das folgende Menü erscheint nach erneutem Drücken der blauen Taste

SET-UP	VIDEO	GEOM
TX92 WS11		Configuration

Achtung : Der Service-Mode läßt sich nicht einschalten, wenn an einer Euro-AV-Buchse ein Gerät aktiviert ist, d.h. die Schaltspannung anliegt.

2. Funktionswahl oder Seitenwahl (GEOM)

Mit den Tasten +/- wird das entsprechende Menü gewählt, welches mit der blauen Taste "durchgeblättert wird" oder die ausgewählte Seite (1 oder 2).

3. Umschalten zwischen Service- und TV-Betrieb

Im Service-Mode sind die normalen Fernsehfunktionen nicht bedienbar. Werden diese im Service-Mode benötigt (z.B. Programmwechsel), kann mit der Taste (TV) in den normalen TV-Betrieb geschaltet werden. Durch Drücken der blauen Taste gelangt man zurück zum Service Mode.

4. Abgleich der gewählten Funktion und Speichern

Der momentane Wert der gewählten Funktion wird hexadezimal rechts neben der abzugleichenden Position angegeben und kann mit der Taste + bzw. - auf der Fembedienung verändert werden.
Die Änderungen des jeweiligen Menüs können unter MEMO mit der + Taste gespeichert, bzw unter R-STO(RE) rückgängig gemacht werden.
Im Menüpunkt ROM kann man die Software-Defaultwerte laden.Sie sind aber nur eine grobe Annäherung an den noch vorzunehmenden Abgleich und sollten nur im Notfall verwendet werden.
Im Service-Menü : Durch längeren Druck (mehr als 3 Sek.) wird das Gerät auf die im Werk eingestellten Werte zurückgesetzt.

5. Service-Mode verlassen

Zum Verlassen des Service-Mode das Gerät in Stand By schalten oder mit dem Netzschalter ausschalten.

Il Service-Mode è necessario per l'allineamento dell'apparecchio. Tutte le regolazioni si effettuano con il telecomando. (a parte la tensione del sistema, le regolazione del fuoco e le tensioni della griglia schermo).

1. Attivazione del Service-Mode

1.1 Commutare il televisore in stand-by con il telecomando.
1.2 Spegnere l'apparecchio con l'interruttore di rete (attendere finchè il LED è spento).
1.3 Tenere premuto il pulsante blu e accender e contemporaneamente l'apparecchio con l'interruttore di rete.
1.4 Il seguente menu appare non appena si aziona nuovamente il pulsante blu.

SET-UP	VIDEO	GEOM
TX92 WS11		Configuration

Attenzione : Il Service-Mode non si può attivare se è attivato un apparecchio collegato alla presa di peritelevisione AV, cioè se è presente la tensione ausiliaria.

2. Scelta della funzione o selezione pagina (GEOM).

Con i tasti +/- si seleziona il relativo menu che può "essere sfogliato" con il pulsante blu o selezionata la pagina1 or 2.

3. Commutazione fra funzione Service-Mode e TV

Nella modalità Service-Mode non si possono attivare le normali funzioni televisive. Se occorre richiamarle in Service-Mode (ad es. se si vuole cambiare il programma), si pud attivare la normale modalità TV con il pulsante (TV). Premendo il pulsante blu si riattiva il Service-Mode.

4. Taratura della funzione scelta e memorizzazione

Il valore momentaneo della funzione scelta viene indicato in formato esadecimale a destra, accanto alla posizione da allineare e può essere cambiato con il pulsante + o - del telecomando.
Le modifiche effettuate nel relativo menu si possono memorizzare in MEMO con il pulsante + oppure annullare in R-STO(RE).
Nell'opzione di menu ROM si possono caricare i valori di default del software. Essi rappresentano però una taratura approssimativa prima di eseguire quella definitiva e si dovrebbero usare solo in caso di emergenza. Mentre si è nel «Menu Service», una lunga pressione (più di 3s) del tasto «0» riporterà il TV alle «condizioni di default di fabbrica».

5. Disattivazione del Service-Mode

Per disattivare il ServiceMode, commutare l'apparecchio in stand-by o spegnerlo con l'interruttore di rete.

Se necesita el MODO SERVICIO para ajustar el aparato. Todos los ajustes se hacen con el mando a distancia (a excepción de la tensión del sistema, los ajustes del foco y las tensiones de la rejilla de pantalla).

1. Ajustar el MODO SERVICIO

1.1 Con el mando a distancia conectar a STANDBY el televisor.
1.2 Desconectar el aparato con el interruptor de la red (esperar hasta que el LED se apague).
1.3 Mantener pulsada la tecla azul y conectar el aparato simultáneamente con el interruptor de red.
1.4 El menú siguiente aparece volviendo a pulsar la teda azul.

SET-UP	VIDEO	GEOM
TX92 WS11		Configuration

Atencion : No se puede conectar el MODO SERVICIO cuando en Eurotoma-AV está activado un aparato, es decir, cuando existe tensión de conexión.

2. Selección de las funciones o selección de página (GEOM)

Con las teclas +/- se selecciona el menu correspondiente que "hojea" con la tecla azul o la página seleccionada (1 o 2).

3. Conmutar entre funcionamiento Servicio y TV

En el MODO SERVICIO las funciones de televisión normales no pueden operarse. Si se necesitan éstas en MODO SERVICIO (p.ej., cambio de programa), con la tecla (TV) puede conmutarse a la operación TV normal.
Pulsando la tecla azul se vuelve al MODO SERVICIO.

4. Ajuste de la función elegida y almacenamiento

El valor momentáneo de la función elegida es indicado de modo hexadecimal a la derecha, al lado de la posición a ajustar, y puede cambiarse con la tecla + o bien - en el mando a distancia. Los cambios del menú respectivo pueden almacenarse bajo MEMO con la tecla + o bien anular bajo RESTORE .
En el punto de menu ROM se pueden cargar los valores por defecto del software. Sin embargo, son sólo una aproximción basta al ajuste aún a realizar y deben usarse sólo en caso de emergencia.
En modo servicio, si se maintiene pulsada (más de 3 seg.) la tecla «0» toma por defecto los valores de «ajuste en fábrica».

5. Salir del MODO SERVICIO

Conmute el aparato a STANDBY a fin de salir del MODO SERVICIO o desconectar con el interruptor de la red.

TV mono :

SET-UP			
Software code and configuration			
BRAND	1 2 3		NONE
NORM	I B BD	BLD	BIL
- R-STO	+ MEMO	O	ROM

TV stereo :

SET-UP			
Software code and configuration			
BRAND	1 2 3		NONE
NORM	I B BD	BLD	BIL
DEC	PR4	On	OFF

VIDEO		
R - DC	00 - 3F	24
G - DC	00 - 3F	12
R' - DRV	00 - 3F	1F
G' - DRV	00 - 3F	1E
B - DRV	00 - 3F	1C
PEAK		(-/+)
+ MEMO		
+ R - STORE	- ROM	

page 1

GEOM		
V - POS	00 - 1F	0F
V - AMP	00 - 7F	3F
V - LIN	00 - 0F	07
H - PHA	00 - 3F	1F
H - AMP	00 - 3F	20

page 2

GEOM		
EW - TILT	00 - 1F	10
EW - AMP	00 - 1F	3F
EW -SHP	00 - 0F	07
STORE	(+)	
RESTORE	(+)	
ROM	(+)	

Test Bar pattern used : 4/3 with geometric circle.
Mire utilisée : 4/3 avec un cercle de géométrie.
Testbild : 4/3 mit geometrischem Kreis.
. adjust separate for 4/3 and 16/9 format
. régler séparément pour les formats 4/3 et 16/9
. für 4/3 and 16/9 getrennt einstellen
. regolare separatamente per 4/3 e 16/9
. ajustar separadamente para 4/3 y 16/9

SET-UP	

BRANDT	Brand Selection
	1 : TELEFUNKEN
	2 : SABA/FERGUSON
	3 : THOMSON/
	    NORDMENDE
	None : No brand
	    Selected

NORM	Standards B = BG PAL SECAM (Sound FM 5,5MHz) I = I PAL (UK/IRELAND) (Sound FM 6MHz) L = L SECAM (France) (Sound AM 6.5MHz) D = DKK' SECAM (SOUND AM 6.5 MHZ) M = NTSC M (Sound FM 4.5MHz)
DEC PR4 (TX92 stereo)	NICAM From Canal+ decoder NICAM du Decod. Canal+ On : Enable OFF : Disable The special sound path handling for Canal+ on PRO4 Validation NICAM issu du decodeur Canal + (PRO4)

VIDEO		
R - DC*		grau, grey
G - DC*		grau, grey
R -DRV		weiß, white
G - DRV		weiß, white
B - DRV		weiß, white
PEAK ☼+◑ = 50% ◑ = 100%	CRT Pin 6,8,11 Oscillo. or colorimeter	25" : 70V

25" : 70V	
Tube 4/3	Nits
25" FS	420
28" FS	420
25" MP	420
28" MP	350
33" MP	280
Tube 16/9	Nits
24" SF	600
28" MP	480
32"MP	380

Notes :
* adjust separate for PAL/NTSC and SECAM
* régler séparément pour PAL/NTSC et SECAM
* für PAL/NTSC und SECAM getrennt einstellen
* regolare separatamente per PAL/NTSC e SECAM
* ajustar separadamente para PAL/NTSC y SECAM

GEOM		
V - Pos		
V - Amp		
V - Lin		
H - PHA		
H - AMP		

TUBE 4/3

Display mode : 4/3
Overscan : V = 107%
H = 107%
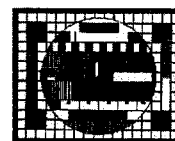
TUBE 16/9
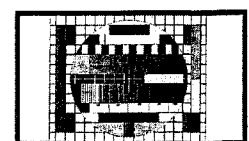
Display mode : 4/3
Overscan : V = 107%
H = 75%

EW - TILT		
EW - AMP		
EW - SHP		

Software Code :

Software Release Code	Description
TX92NS11	TX92 Stereo (4/3) Software Rel 11
TX92WS11	TX92 Stereo (16/9) Software Rel 11
TX92NM11	TX92 Mon (4/3) Software Rel 11

TV Configuration :

T	TEXT MODULE
S	STEREO MODULE

1	2	3

BF01	F10	CI21*	H7	CP57	D5	CT07*	K0
BF01*	F10	CI22*	K7	CP58*	D4	CT08*	K0
BL01	B7	CI25*	J7	CP59	C5	CT09*	L0
BL01*	B7	CI40*	J6	CP71	G5	CT10*	L1
BM01	R9	CI41*	B7	CP72*	G5	CT11*	L1
BM02	R5	CI43*	K5	CP74	G5	CT12	L1
BM11	R6	CI45*	J5	CP76	G4	CT13*	L1
BP01	G1	CI46*	J7	CP80	H3	CV01	P5
BP01*	G0	CI47*	K7	CP81	H3	CV02	M4
BP02	C0	CI48*	K7	CP96*	F5	CV03*	M4
BP02*	C0	CI49*	J8	CR01*	H0	CV04*	N3
BP03	G2	CI50*	J6	CR02*	H1	CV05*	N5
BP03*	G1	CI52*	J7	CR03*	J1	CV06*	N5
BR01	H1	CI53*	J7	CR04*	H2	CV07*	P5
BR01*	H1	CI54	J8	CR05*	M1	CV09*	P5
BR02	J0	CI55*	J9	CR06*	L1	CV10*	N4
BS80	M6	CI56*	J8	CR07	L1	CV11*	P4
BS80*	M6	CI60	J6	CR08*	H2	CV12*	P4
BS90	N5	CI61	K6	CR09*	J2	CV13	P3
BS90*	N6	CI62	J6	CR11	H1	CV15*	P4
BS91	M5	CI63*	J7	CR14*	K2	CV20*	M4
BS91*	M6	CI64*	K6	CR15*	K2	CV21*	P4
BV01	K4	CI65*	K6	CR17*	J2	CV22*	P4
BV01*	K4	CI66*	L6	CR18*	L2	CV23*	P4
BX01	K10	CI67*	L6	CR19*	L2	CV24*	N5
BX01*	J11	CI68*	L6	CR20*	L3	CV25*	N4
BX02	M10	CI70*	H9	CR22*	H1	CV26	N3
BX02*	M11	CI71*	L6	CR23*	H1	CV27*	N4
BX03	J10	CI72*	P9	CR24*	J1	CV28*	N4
BX03*	J10	CI73*	P9	CS14	M10	CV29	P3
BX50	H11	CI74*	L7	CS15*	M10	CV42*	L3
BX50*	H11	CI75*	P9	CS16*	M9	CV43*	L3
		CI77*	K7	CS17	M10	CX12	L11
		CI78*	L7	CS18	M10	CX13*	L11
CC02*	M4	CI79*	J6	CS22	P10	CX14	L10
CC03*	N5	CL07	D10	CS23*	P9	CX15*	H10
CC04*	N4	CL10	E9	CS25	M8	CX16*	H10
CC05*	M3	CL11	G7	CS26*	N9	CX17	K10
CC07*	L3	CL12	F8	CS27*	N9	CX18	L10
CC10*	M3	CL13	F8	CS28*	M8	CX19	L10
CC11*	M2	CL14	F8	CS31*	P9	CX22*	L9
CC12*	M2	CL16	G8	CS32*	P10	CX23*	K9
CC13*	M2	CL21	B9	CS35	L9	CX24*	K10
CC14*	M2	CL22	A10	CS36*	N9	CX25*	L10
CC15*	M3	CL24	B8	CS39*	M9	CX26*	K9
CC16	M2	CL25	B10	CS40*	P9	CX30	P10
CC17	L2	CL26	C7	CS41*	P9	CX33*	K9
CC18*	L2	CL30	C6	CS42*	N9	CX34	N10
CC19*	L4	CL32	B6	CS43	N10	CY19*	N4
CC20*	M5	CL33	A7	CS44*	N10	CY41*	K4
CCO6*	M3	CL38	B6	CS45*	N9		
CF02*	F10	CL41	D11	CS46	N10		
CF05*	F11	CL42*	C11	CS47*	M10		
CF06*	F11	CL43	B11	CS48*	M8		
CF11	E11	CL44	C11	CS49*	M9		
CF15	F9	CL51	C6	CS50	J9		
CF21	E10	CL52	D5	CS51	J10		
CF27	F11	CL54	E7	CS52	N10		
CF28	G10	CL56	E6	CS53	N10		
CF29	D11	CL57	E7	CS54*	N9		
CF30	E11	CL60	F6	CS55*	N9		
CF31	D10	CL61	G7	CS56*	N9		
CF32	E10	CL62*	F7	CS57*	N9		
CF34*	G9	CM01	R7	CS60*	L9		
CF37*	G9	CM10*	R4	CS61*	L9		
CF39*	G10	CM11*	R4	CS62*	M9		
CF42*	G11	CP01	F0	CS63*	M9		
CF43*	G11	CP02	F2	CS64	L10		
CF44*	H11	CP03	F2	CS65	M10		
CF45*	G9	CP06*	C1	CS66	L9		
CF46*	G11	CP07	D0	CS67	J10		
CF47*	G9	CP08	E1	CS68*	M11		
CH01	J8	CP09	D0	CS69*	M11		
CH02	J8	CP10	A0	CS70*	J11		
CH04	G8	CP11	D3	CS71*	J11		
CH05	K3	CP11*	E2	CS73*	M8		
CH06	J9	CP12	C2	CS74*	M8		
CH07	J9	CP13	A1	CS75	N7		
CH08*	H10	CP14	A1	CS76	N7		
CH09*	H10	CP17	A2	CS77	P7		
CH10*	H10	CP21	D7	CS78	P7		
CH11*	H9	CP22	C1	CS79*	P7		
CH12*	H10	CP24	B1	CS80*	P8		
CH13*	H8	CP25	B0	CS81*	P7		
CH14*	H8	CP26	A1	CS82	N6		
CH15*	H8	CP29	C1	CS83	P6		
CH19	K3	CP31	D2	CS84	P7		
CH20*	H8	CP32*	D2	CS85	P6		
CI01*	H7	CP33	D2	CS87	N8		
CI02*	H7	CP36	B0	CS88	P7		
CI03*	H7	CP37	C0	CS90	N7		
CI04*	H7	CP38	C0	CS91	M6		
CI05*	J7	CP40	E3	CS92*	N6		
CI07*	H6	CP41*	E3	CS93*	M7		
CI08*	H6	CP45	C1	CS94*	N6		
CI09*	H6	CP48	A0	CS95*	M6		
CI10*	H7	CP49	D4	CT01	J0		
CI11*	H6	CP51	A5	CT02*	H0		
CI20*	H7	CP52	C6	CT03*	H0		
		CP53	C5	CT04	J0		
		CP54	D4	CT05*	J0		
				CT06*	K0		

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COMPONENTS LOCATION - LOCALISATION DES ELEMENTS - LAGE DER BAUTEILE
LOCALIZZAZIONE DEGLI ELEMENTI - LOCALIZACION DE LOS COMPONENTES

* SOLDER SIDE - COTE CUIVRE - LÖTSEITE - LATO SALDATURE - LADO DEL COBRE

Ref	Loc		Ref	Loc		Ref	Loc		Ref	Loc
DF01	F10		II07	L5		JP16	H4		JX06	K9
DF02*	F10		II50	K7		JP17	H4		JX07	K8
DF07*	E10		II50*	L6		JP18	H4		JX08	K8
DF11*	F11		IP01	B0		JP19	H5		JX09	M5
DF30*	F11		IP01*	B1		JP20	J4		JX10	M5
DF31	E11		IP50	D5		JP21	J4		JX11	L5
DF38*	F9		IP50*	D5		JP22	F5		JX13	L10
DF39*	G9		IP60	E4		JP23	H3		JX14	L5
DF41	L5		IP60*	E4		JP24	H4		JX15	K9
DF45*	G9		IP70	H5		JP27	E1		JX16	K9
DH01	G8		IP70*	H4		JP28	G4		JX52*	J11
DH02	J8		IP80	H2		JP29	E5		JX53*	K11
DI01*	H6		IR01	J1		JP30	E5		JX54*	K11
DI02*	H6		IR01*	K2		JP35	E4		JX55*	N11
DI40*	J7		IR02	L2		JP51*	C1		JX56*	N11
DI41*	H7		IR02*	L2		JP53*	J9		JX57*	J9
DI51*	K6		IS40	L9		JP55*	D5		JX58*	L10
DL06*	C10		IS40*	P8		JP56*	C2		JX59*	K8
DL07*	C10		IS80	P7		JP57*	P7		JX60*	N8
DL08*	D7		IS80*	P7		JP60*	F4		JX63*	K10
DL11	F8		IT01	L1		JR01	H2		JX65*	P6
DL12	E8		IT01*	K1		JR02	H2			
DL13	E7		IV01*	P4		JR03	H3			
DL15*	G8		IX01	K10		JR08	H4		LC01*	M4
DL21	B10		IX01*	L10		JR53*	L2		LC02*	M4
DL22	A10					JR54*	L1		LF45*	G6
DL25	D7		JC01	L3		JR55*	L1		LH01	H8
DL26	D6		JF01	G11		JR56*	L1		LI20	H6
DL34*	A7		JF01*	F11		JR57*	M1		LI50	L6
DL38	B6		JF02	E9		JS01	L8		LI70	J8
DL41	D11		JF04	E10		JS02	N5		LL05	E7
DL51	C6		JF05	G9		JS03	N5		LL05*	D7
DL60*	F6		JF06	G8		JS04	M7		LL10	G7
DL61	F7		JF50*	G11		JS05	P6		LL13	E7
DL62	F7		JF51*	G11		JS06	P7		LL19*	A7
DL63	G7		JF52*	F11		JS07	N7		LL20	B9
DP06	E0		JF53*	F11		JS08	N7		LL22	A11
DM01	Q7		JH02	H8		JS12	L8		LL26	A8
DM02	R11		JH50*	K3		JS14	L8		LL49	A8
DM03	R9		JH51*	J8		JS15	L8		LP01	E2
DP06*	E0		JH52*	H9		JS16	K8		LP01*	F1
DP07	E0		JH55*	H8		JS17	K8		LP06*	C1
DP07*	E0		JH56*	H11		JS18	K9		LP13	C2
DP08	E0		JI01	K5		JS21	K9		LP14	A2
DP08*	E0		JI02	K5		JS50*	M11		LP16	C5
DP09	D0		JI03	L5		JS51*	M10		LP51	B5
DP09*	D0		JI04	L5		JS52*	M10		LR02*	H2
DP13	B2		JI05	J6		JS53*	M9		LR03	J0
DP16	B1		JI06	K8		JS54*	M9		LR26	M1
DP17	A3		JI50*	J7		JS55*	M9		LR28	M1
DP21	B2		JI51*	J6		JS56*	M9		LS10	L8
DP22	C1		JI52*	J6		JS57*	M8		LS20	L8
DP23*	B1		JI53*	K5		JS58*	M8		LS25	M8
DP24	B1		JI54*	L9		JS59*	M6		LS40	M7
DP32*	C1		JI55*	K6		JS60*	N6		LS41	M7
DP40	D3		JI57*	L6		JS61*	M9		LT01	H0
DP41	C1		JI58*	L7		JS62*	P9		LT02	K0
DP44	C1		JI59*	L6		JS63*	P9		LV01*	P5
DP45*	B1		JI60*	J8		JS64*	H10		LV16	K3
DP50	A5		JI61*	J6		JS65*	M9		LV17	K3
DP51	B5		JI62*	J6		JS66*	M9		LV18	M3
DP53	C5		JI63*	J8		JS67*	N9			
DP54	C5		JI66*	K8		JS68*	M7			
DP55	E5		JL01	C10		JS70*	N11		PI50	K7
DP56	E5		JL02	C9		JT50*	K0		PI54	L7
DP60*	F4		JL03	D9		JT51*	K0		PP66	E5
DP61*	F4		JL07	B11		JT52*	L0			
DR03*	J4		JL08	A9		JV01	P4			
DS10	N10		JL10	C5		JV02	P4		QC01	M5
DS40*	P9		JL12	E7		JV03	M3		QC02	M5
DS41*	N9		JL13	F7		JV04	L4		QI70	K8
DT01*	L1		JL14	C7		JV05	L4		QR01	K3
DT02*	L1		JL15	F6		JV06	L5		QS40	P10
DT03*	M1		JL16	F6		JV07	L4		QT01	J1
DT04*	M1		JL17	G6		JV08	L5		QV01	N3
DV03	K5		JL18	G6		JV09	J4			
DX13*	L11		JL19	G6		JV10	J4			
			JL20	C7		JV11	J4		RC01*	L3
			JL20*	C6		JV12	J4		RC02*	L3
FI01	H7		JL21	G7		JV13	J4		RC04	L3
FI02	H6		JL23	E8		JV14	J4		RC05*	M5
FI10	J7		JL51*	B4		JV15	J5		RC06*	M5
FI20	J6		JL52*	B4		JV16	J5		RC07	L4
FI30	J6		JL53*	B4		JV17	J5		RC20*	L4
FI40	K6		JL55*	G6		JV18	J5		RF03*	E10
FP01	F0		JL56*	E6		JV19	J5		RF04*	G10
FP02	E3		JM01	Q9		JV50*	N3		RF06*	F9
			JM02	Q9		JV51*	M4		RF07*	E10
			JP01	F3		JV52*	M4		RF09*	F10
IC01	M2		JP02	D3		JV53*	P5		RF11	E10
IC01*	L2		JP03	D2		JV54*	P3		RF12	F10
IF01*	F11		JP04	D3		JV55*	L4		RF15	E9
IF02	G10		JP05	F3		JV56*	P5		RF20	F10
IF02*	G10		JP07	C2		JV57*	N5		RF23*	F10
			JP09	F5		JV58*	M5		RF24*	F10
			JP12	C5		JV60*	L4			
			JP15	H4		JX04	K9			
						JX05	K9			

Ref	Loc		Ref	Loc		Ref	Loc		Ref	Loc
RF25*	G10		RL57*	E6		RR25	K1		RV62*	L4
RF28*	G10		RL61*	F6		RR27*	J1		RV63*	L4
RF29*	G9		RL62*	F7		RR29*	K2		RV64	L4
RF30	G9		RL63*	F7		RR31*	K2		RV65	L4
RF33*	G9		RL64*	F7		RR32*	K3		RX01*	K10
RF36*	F10		RL65*	G7		RR33*	K3		RX02*	J10
RF37*	G9		RL90	E5		RR34*	K3		RX03*	K10
RF38*	F10		RM01	R9		RR35*	J3		RX04*	K10
RF41*	H5		RM02	R7		RR36*	J3		RX05	J9
RF42*	G10		RM03	R9		RR37	J3		RX06*	K11
RF43*	G11		RM04	R10		RR38	J3		RX07*	K11
RH01	F6		RM05	R10		RR39*	J2		RX08*	K11
RH04*	K3		RM06	R11		RR40*	J2		RX09*	K11
RH05*	K3		RM10	R6		RR41*	J2		RX10*	L11
RH06*	H9		RM11	R8		RR42*	J3		RX11*	L11
RH07*	H9		RP01	D1		RR43*	J3		RX12*	L11
RH09*	K3		RP02	E0		RR44	J3		RX14	L10
RH10*	G8		RP03	G3		RR45*	H2		RX16*	L10
RH13*	H10		RP03*	G3		RR46*	H3		RX17*	L9
RH14*	H9		RP04	D0		RR47*	J3		RX18*	L10
RH15*	H10		RP05	C0		RR48*	H3		RX19*	N10
RH16*	H8		RP06	D0		RR49*	J2		RX20*	H11
RH17*	H9		RP07	D1		RR50*	K2		RX21*	H11
RH19*	G6		RP08	C0		RR52*	H1		RX25*	P10
RI01*	H8		RP09*	B0		RR53*	H1		RX26*	P11
RI02*	J6		RP10	D1		RR54*	H1		RX27*	P10
RI03*	J6		RP11	C0		RR55*	H1		RX28*	P10
RI04*	H7		RP12	A0		RR56*	H0		RX29*	P10
RI05*	H6		RP13	C2		RR57	K1		RX30*	P10
RI06*	H6		RP14	B0		RR58*	K2		RX31*	P11
RI07*	H6		RP15*	B1		RR59*	K2		RX32	P10
RI08*	H6		RP16*	B1		RR61	H3		RX33*	J10
RI17*	K7		RP17*	A3		RR62*	H3		RX35*	K10
RI20*	H7		RP18	C0		RR70*	J2		RX36*	N10
RI21*	H7		RP19	D0		RR71*	J2		RX38*	K10
RI22*	H6		RP22	C2		RR90	H0		RX39*	K10
RI23*	J7		RP24	B1		RS12	L9		RX40*	P11
RI24*	J7		RP26	B1		RS20	L8		RX47*	L2
RI41*	J6		RP28	C1		RS27*	M8			
RI42*	H6		RP29	B1		RS28*	N8			
RI43*	H6		RP30*	B1		RS29*	N8		TFI9	G9
RI44*	J7		RP31*	D3		RS40*	N8		TFI9*	G9
RI50*	J7		RP32	C2		RS41*	N8		THI1*	K3
RI52*	K5		RP33*	D1		RS50*	J10		THI2*	H9
RI53*	K7		RP34*	C0		RS51*	J10		THI3*	H10
RI54	L7		RP36*	C0		RS52*	N10		THI4*	H11
RI55*	K7		RP38*	C0		RS53*	N10		THI5	J8
RI56*	L6		RP40	D3		RS60*	L10		THI5*	J8
RI58*	K6		RP41	F3		RS61*	M10		TI10*	J6
RI59*	L6		RP42*	F3		RS62*	J10		TI20*	H7
RI60*	J8		RP44*	C2		RS63*	J11		TI40*	J6
RI61*	L6		RP45*	C1		RS64*	M11		TI40*	J6
RI64*	J8		RP47*	C1		RS65*	N11		TI50*	H6
RI70*	L7		RP48*	C1		RS66*	J11		TI70*	L7
RI71*	K7		RP49	A4		RS67*	J11		TL19	A8
RI73*	K8		RP50	A5		RS75*	N7		TL19*	A9
RI76*	L7		RP52*	D4		RS76*	N7		TLI0	A6
RI78*	J6		RP53	D5		RS77*	N7		TLI0*	A6
RI79*	K6		RP54	E4		RS78*	N7		TLI1	A6
RI82*	L7		RP60*	E4		RS79*	P7		TLI1*	A6
RI83*	L7		RP61	F4		RS80*	P7		TLI1	B11
RI84*	L7		RP62*	F4		RS81*	M7		TLI1*	B11
RL03*	D8		RP63*	F5		RS82*	P6		TLI1	C5
RL04*	D8		RP64	F5		RS83	N7		TLI1*	C6
RL05*	D8		RP65*	F5		RS84	N7		TLI2	D6
RL06*	D8		RP66*	E5		RS85*	N7		TLI2*	D6
RL07*	C9		RP67*	E5		RS86*	N7		TLI3	E6
RL08*	D8		RP71*	H4		RS87	P7		TLI3*	E6
RL10	F7		RP76*	G4		RS88	P7		TLI0	F7
RL11	F8		RP77*	G4		RS90*	P6		TLI0*	F7
RL12	F9		RP78*	G4		RS91*	N6		TP16	A2
RL13	E8		RP91*	F4		RS92*	P6		TP16*	A1
RL15*	E9		RP92*	G5		RS93*	P6		TP12	C1
RL16	G9		RP95*	F5		RS94	P5		TP12*	C1
RL25	D6		RP97*	G4		RS95*	P6		TP10	F3
RL26	B7		RP98	G4		RT01*	J0		TP10*	F3
RL30	B6		RR01*	H1		RT02*	L0		TP18*	A0
RL31	B7		RR02	K1		RT03*	P6		TP10	E4
RL32	A6		RR03	J3		RT05*	M0		TP10*	E4
RL33*	A6		RR04	K1		RT06*	M0		TP11	F4
RL34*	B6		RR05	K1		RT07*	M1		TP11*	F4
RL35*	B6		RR06*	K2		RT08*	M1		TP11	F5
RL36*	B6		RR08	K1		RT09*	L0		TP16*	F5
RL37*	B6		RR09	K1		RV01*	L4		TP11	J0
RL38	B7		RR10	J1		RV02*	P5		TP12	H3
RL41*	D10		RR11	J1		RV15	L4		TS10	N8
RL42*	G11		RR12	J1		RV16	M3		TS11	N6
RL43*	D11		RR13	J1		RV17	M3		TS10*	N6
RL44*	C11		RR14	K1		RV18	K3		TUI1	N0
RL46*	B11		RR16	K1		RV23*	N5		TU12	L4
RL47	B10		RR17*	J1		RV24*	N5		TU12*	L4
RL48*	C11		RR18*	J1		RV25*	L4		TX10	L11
RL49	A8		RR19*	J1		RV28*	N3		TX10*	L11
RL51*	D6		RR20*	J1		RV29*	N3		TX10	P10
RL52	D6		RR21*	L1		RV30	M4		TX10*	P10
RL54	D6		RR22*	M1		RV31*	G6		TX11*	P11
RL55*	E6		RR23	L2		RV33*	N4			
RL56*	D6		RR24	L2		RV35*	L4			

(MAIN)

	RR15	RR67	LR03
CLX 2050 00	—	—	STRAP
CLX 2010 00	220R	220R	90R

θ	RR40	RR79	RR71
Tube 4:3	—	—	—
Tube 16:9	10k	—	—

IR01
ST9291J7B1

IR02
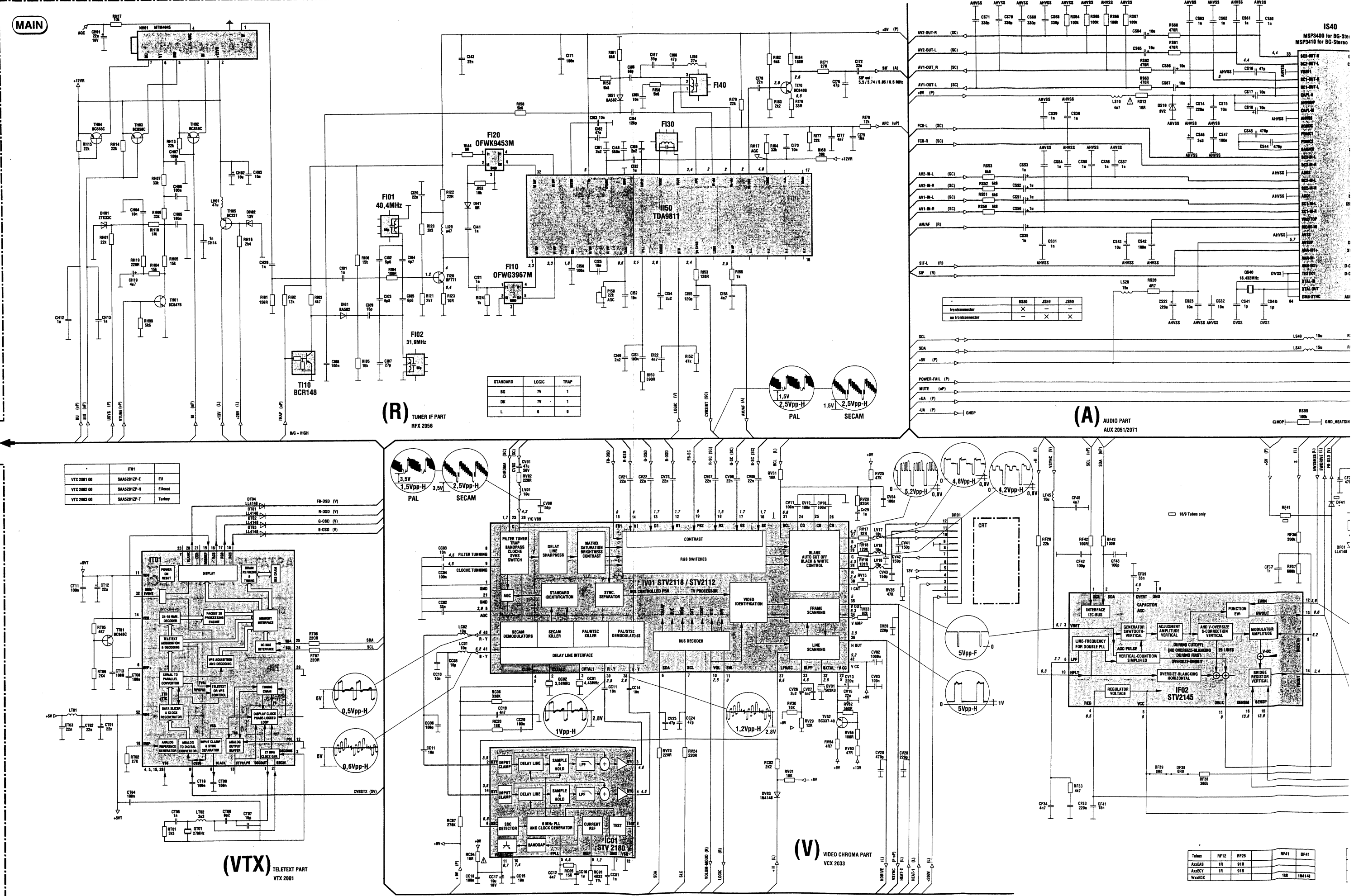ST24C04-B1

(uP) MICROPROCESSOR
CLX 2010/2050

Part of board connected to mains supply.
Partie du chassis reliée au secteur.
Primärseite des Netzteils.
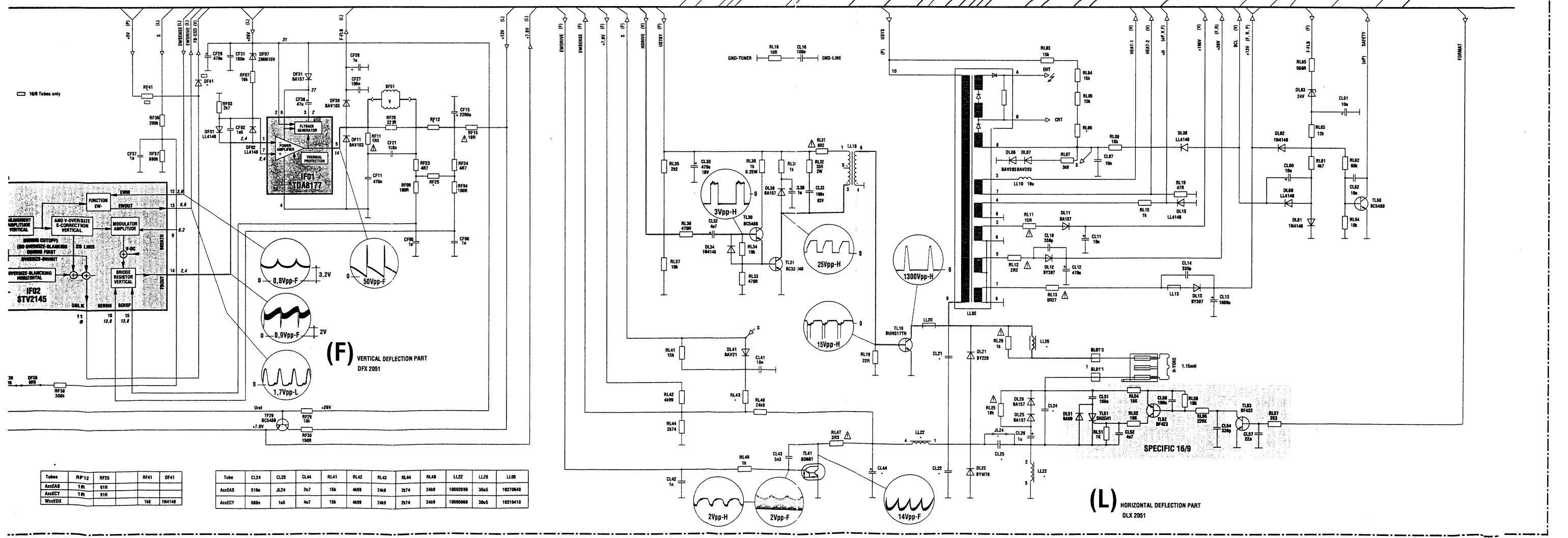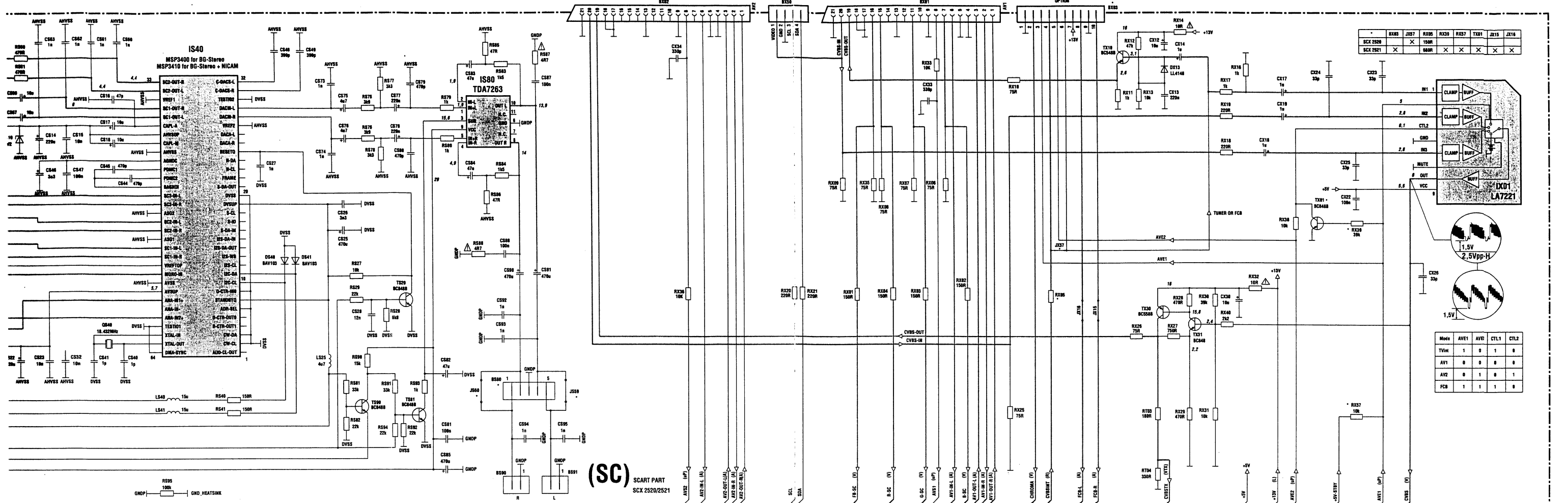Parte dello châssis collegata alla rete.
Parte del chassis conectada a la red.

IP01 TDA4605

IP50
7812

IP70
TDA8139

IP60
4N25TV

IP80 *

	PSX 2211(Mono)	PSX 2251(Stereo)
DP55	1N4001	BYV10-20
DP82	1N4148	—
RP82/83	150R/0.25W	—
TP82	BC337-40	—
CP80/81	—	10u
IP80	—	7805
RP09	4k32	4k3

Note :
Power Supply primary circuit measurements.
- Use only (PGND) connection point.
Attention :
Mesure dans le bloc alimentation
- Utiliser la masse du bloc alimentation (PGND).
Achtung :
Bei Messungen im Primärmetzteil
- Primärnetzteilmasse verwenden (PGND).

Attentionze :
misure nell'alimentatore primario
- usare massa alimentazione primario (PGND).
Cuidado :
Medida en el bloque de alimentacion
- Utilizar la masa del bloque de alimentación (PGND).

(P) POWER SUPPLY
PSX 2211/2251

(MAIN)

(R) TUNER IF PART
RFX 2956

(A) AUDIO PART
AUX 2051/2071

(VTX) TELETEXT PART
VTX 2001

(V) VIDEO CHROMA PART
VCX 2033

(SC) SCART PART
SCX 2529/2521

(F) VERTICAL DEFLECTION PART
DFX 2051

(L) HORIZONTAL DEFLECTION PART
DLX 2051

VIDEO AMPLIFIER BOARD - PLATINE AMPLIFICATEURS VIDEO - VIDEOVERSTÄRKERPLATTE
PIASTRA AMPLIFICATORE VIDEO - PLATINA AMPLIFICADOR VIDEO

VHF / UH
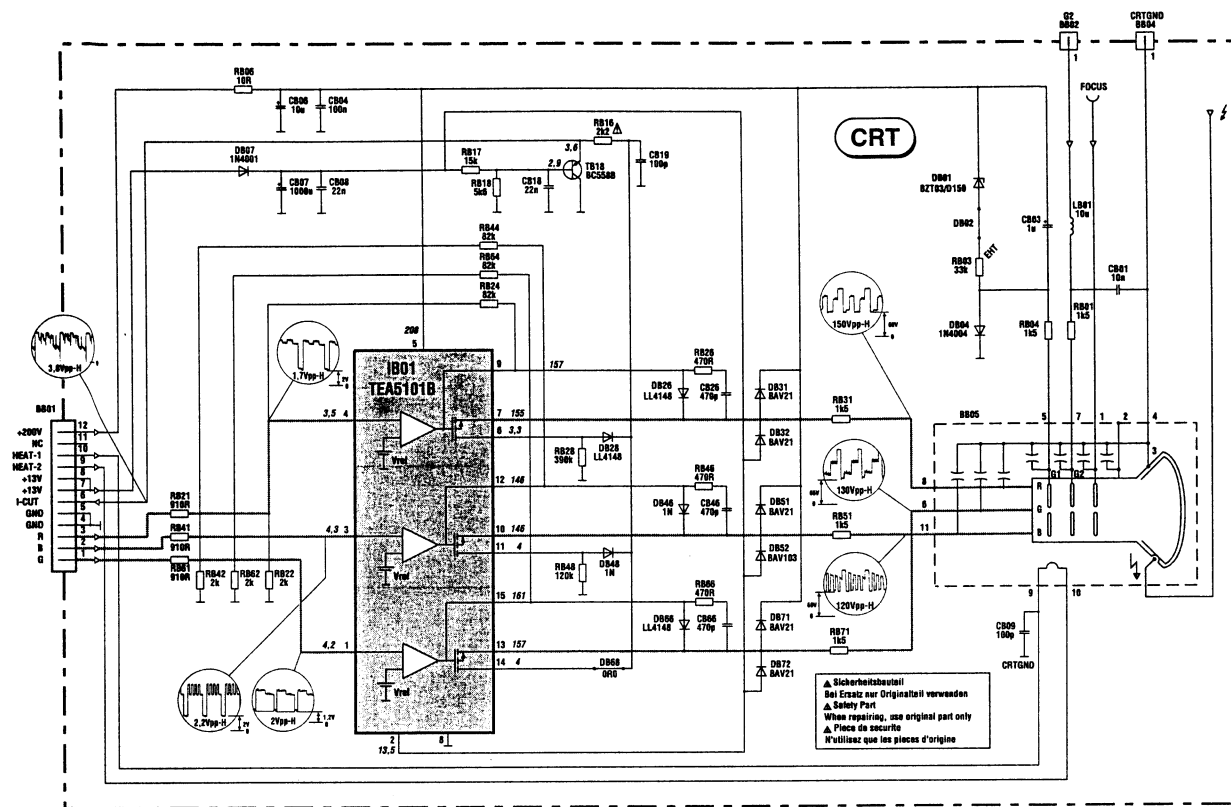
TDA9811 BLOCK DIAGRAM
MULTISTANDARD VIF - PLL WITH QSS-IF AND AM DEMODULATOR

COMPONENT SIDE - CÔTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES

SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS
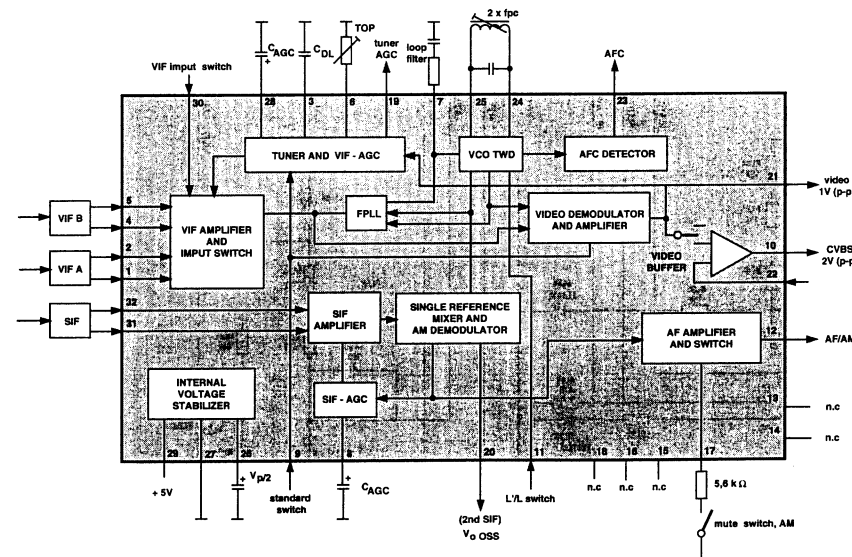
MSP3400 / MSP3410 BLOCK DIAGRAM SOUNDPROCESSOR

VHF / UHF TUNER MTM 4045 (For information only)
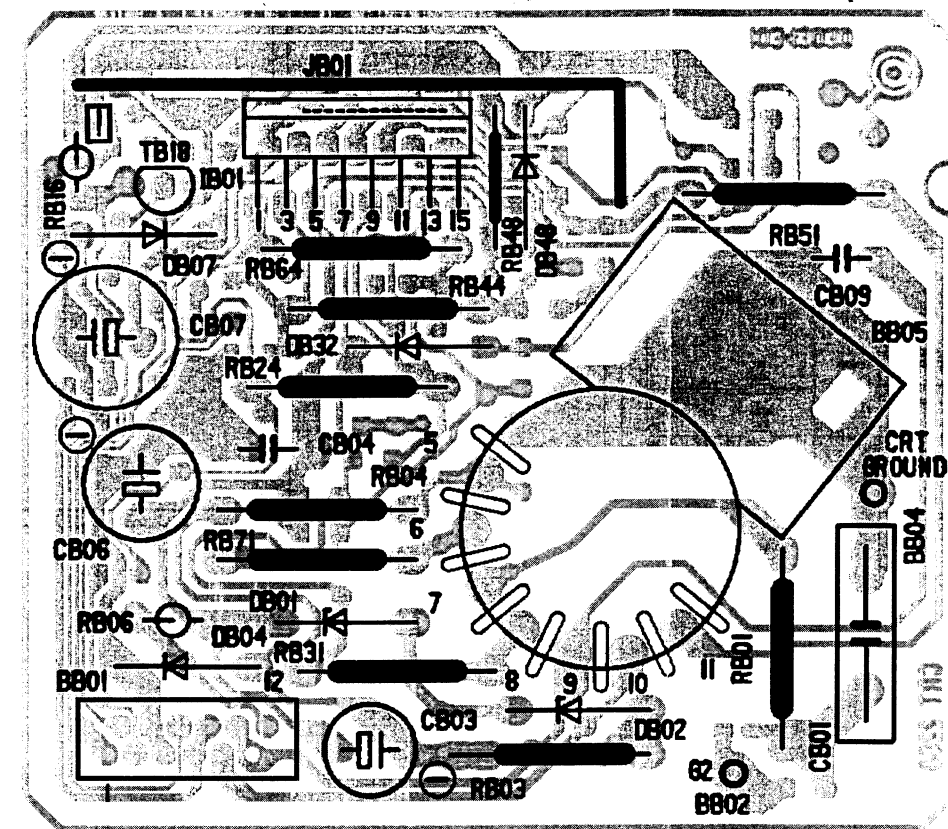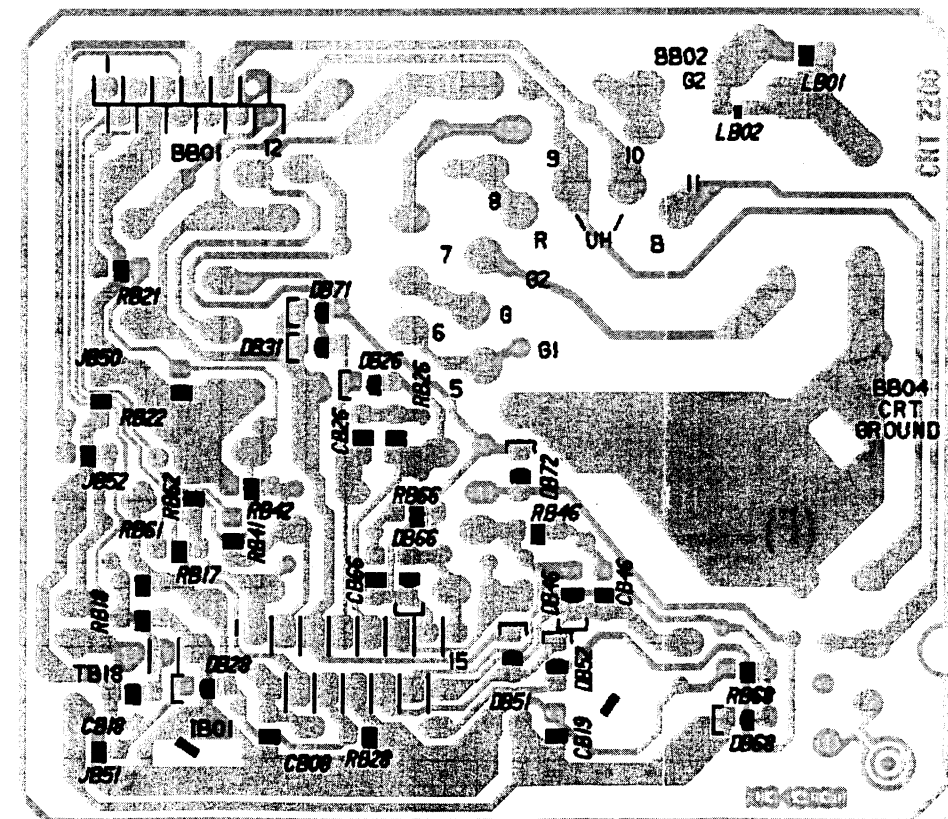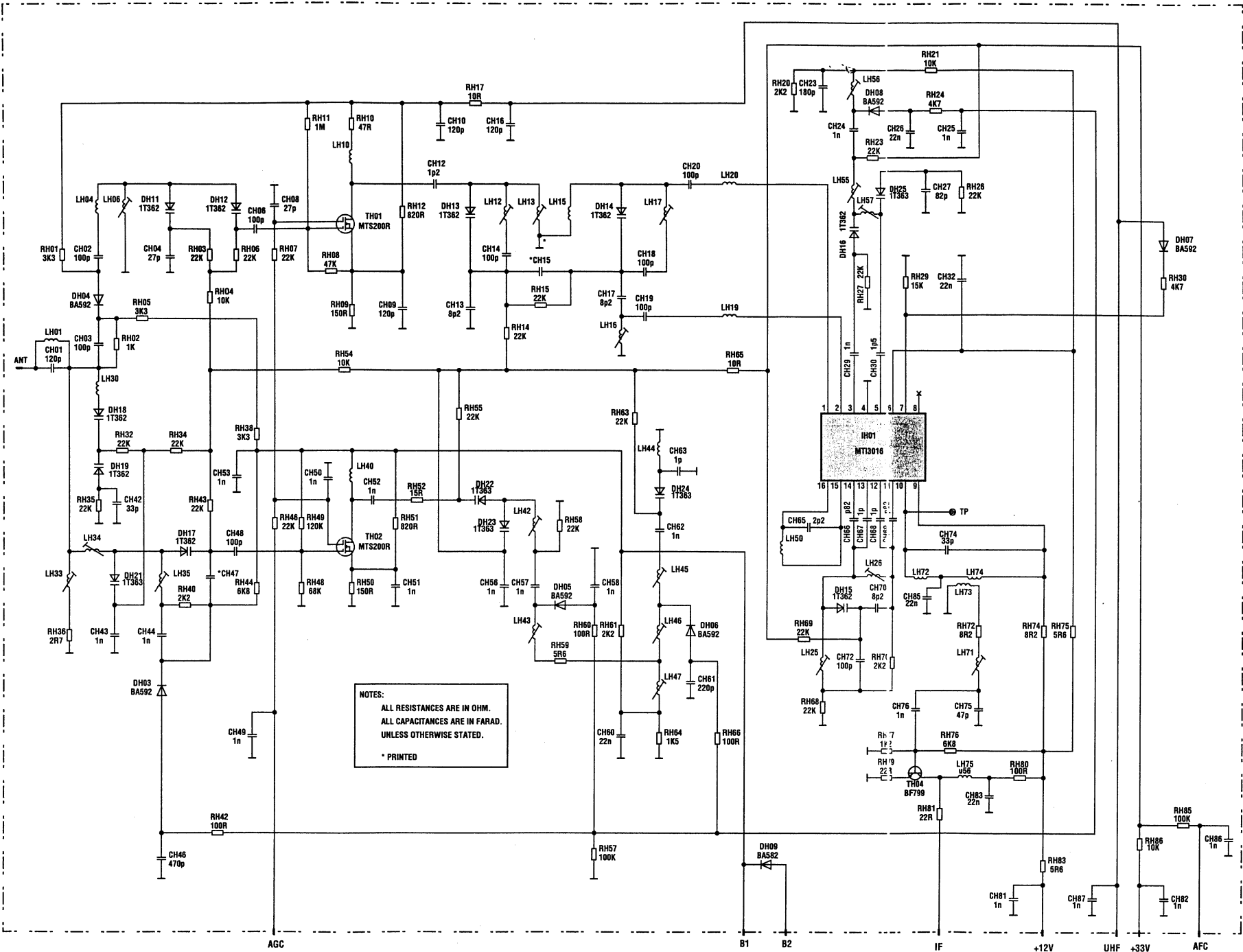
FRONT CONNECTOR BOARD -
MODULE PRISE ET INTERCONNEXION DU CLAVIER
FRONTANSCHLUSSPLATTE -
PIASTRA CONNESSIONE FRONTALE
- PLÁTINA MANDOS FRONTAL

NOTES:
ALL RESISTANCES ARE IN OHM.
ALL CAPACITANCES ARE IN FARAD.
UNLESS OTHERWISE STATED.

* PRINTED

FCB2200

to KB

to BR01
Main Board

FCB

to BS80
Main Board
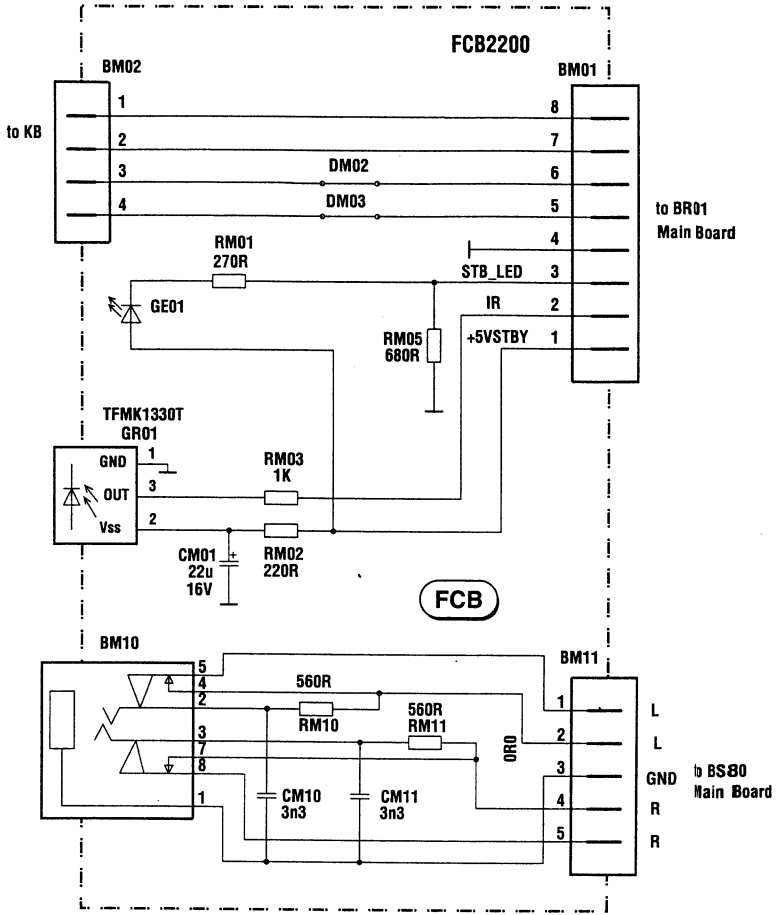
KEYBOARD MODULE - PLATINE CLAVIER -
TASTATURPLATTE -PIASTRA COMANDI -
PLATINA TECLADO

KB2200

KB

SM02 — PR-
SM04 — VOL+
SM03 — PR+
SM05 — VOL-

to FCB
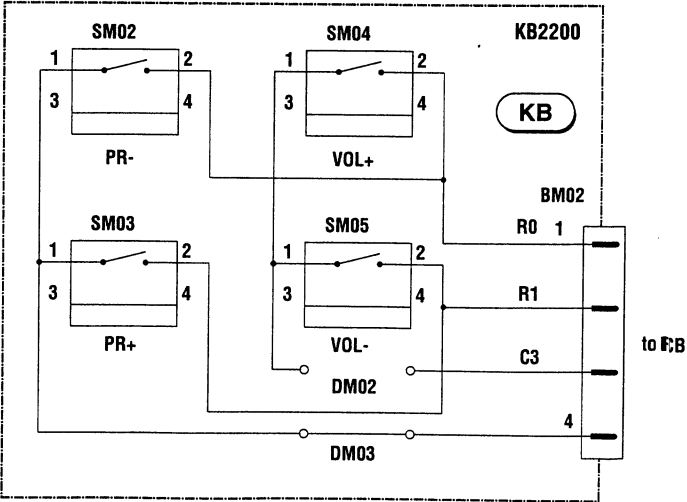
FRONT CONNECTOR BOARD - MODULE PRISE EN FACADE ET INTERCONNEXION DU CLAVIER
FRONTANSCHLUSSPLATTE - PIASTRA CONNESSIONE FRONTALE - PLÁTINA MANDOS
FCB2200

COMPONENT SIDE - CÔTE COMPOSANTS - BESTÜCKUNGSSEITE -
LATO COMPONENTI - LADO COMPONENTES
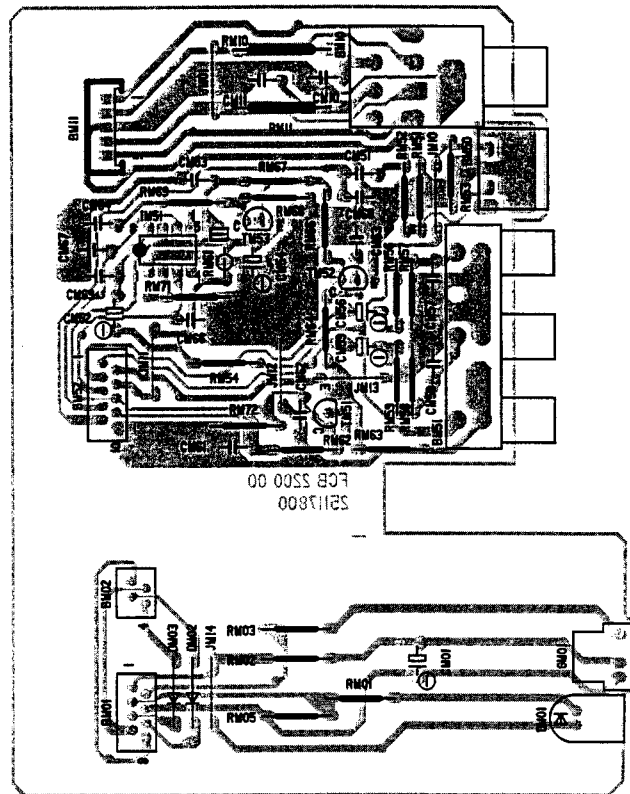
SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS

TX92
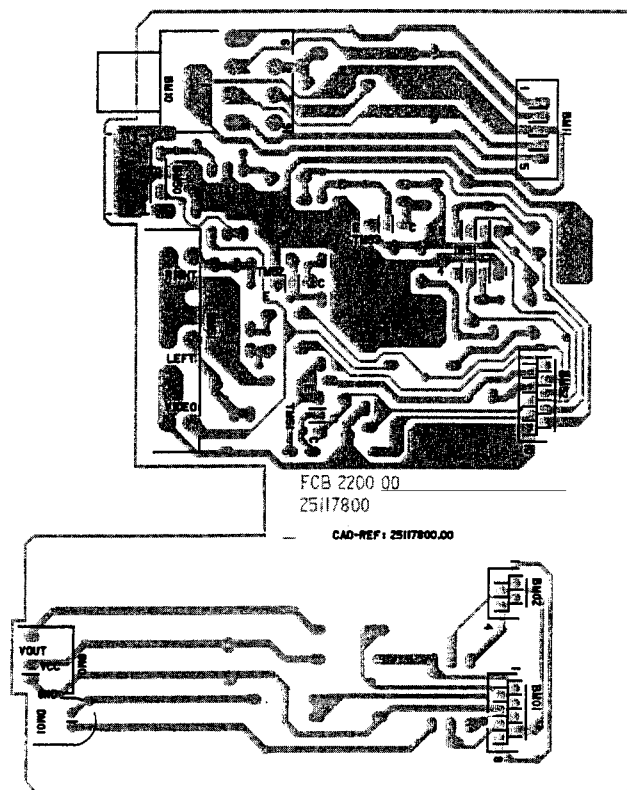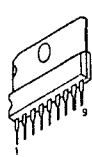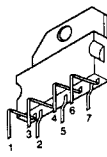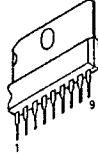
TDA 8139	TDA 8177	TEA 5101B	SDA 9187 SDA 9188	4N25TV	TDA4605 ST24C04-B1	STV2180	STV2145
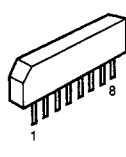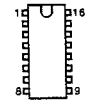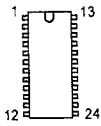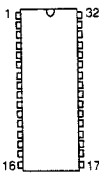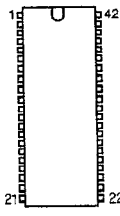
TDA 7263	TDA9811	TDA9811	MPS3400 MPS3410	LA7221
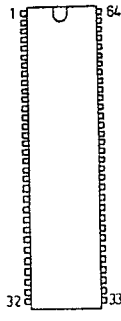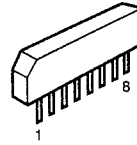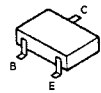
BC 847B BC 858 B/C BC 848 A/B/C BF 771	BF 422 BF423	BC 337 BC 548B BC 558B	BP 681	BUH 517 TH	7805 7812	BT806 -600C	STP6 NA60F1
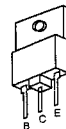
Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
		MODULE/AUSTAUSCHTEILE:	**EXCHANGE PARTS:**	**PLATINE:**
CRT TX92	103.520.20	CRT TX92 BILDROHRANSCHLUSS	CRT TX92 PCB CRT	CRT TX92 PLATINE TUBE
MTM4045	202.483.90	MTM4045 TUNER	MTM4045 TUNER	MTM4045 TUNER
		CHASSIS-TEILE	**CHASSIS PARTS**	**CHASSIS-PARTIE**
BB01	260.789	Stiftleiste 12polig, MICS 12	Contact strip, 12-pole, black	Connecteur male, 12 broches
BB05	249.769	Bildrohrfassung, 10-polig	Cathode ray tube socket	Support tube cathodique
BL01A	102.381.10	Halter Netzleitung (auf Ltp.)	Holder	Support
BP01A	102.381.10	Halter Netzleitung (auf Ltp.)	Holder	Support
BR01	266.862	Stiftleiste 8pol MICS08 SW	8 pin wafer, black	Barrette de contact, 8, noir
BS80	243.597	Stiftleiste, 5polig, UF	Contact strip, 5-pole	Connecteur male, 5 broches
BS90	239.037	Stiftleiste 2polig, rot UF	2 pin contact housing, red	Culot a 2 broches, rouge
BS91	239.038	Stiftleiste 2polig, grün UF	2 pin contact housing, green	Culot a 2 broches, vert
BV01	260.789	Stiftleiste 12polig, MICS 12	Contact strip, 12-pole, black	Connecteur male, 12 broches
BX01	309.651.034	Buchse, Euro AV (SCART)	Scart socket	Prise femelle peritelevision
BX02	309.651.034	Buchse, Euro AV (SCART)	Scart socket	Prise femelle peritelevision
BX50	309.650.092	Stiftleiste, 4polig Liegend	Contact strip, 4-pole	Connecteur male, 4 broches
CB01	309.441.641	10NF 3KV Keramik-Kondensator	10NF 3KV C cap	10NF 3KV C ceramique
CB03	100.608.30	1U0F 250V 20% Elko	1U0F 250V 20% E cap	1U0F 250V 20% C chimique
CB06	276.029	10UF 250V 20% Elko	10UF 250V 20% E cap	10UF 250V 20% CC
CB09	266.247	100PF 1KV 20% Keramik-Kondensator	100PF 1KV 20% C cap	100PF 1kV 20% C ceramique
CL07	140.358.70	0U01F 400V 5% Kondensator	0U01F 400V 5% Capacitor	0U01F 400V 5% Condensateur
CL10	266.243	330PF 1KV 10% Keramik-Kondensator	330PF 1KV 10% C cap	330PF 1kV 10% CC
CL11	239.322	10UF 250V 20% Elko	10UF 250V 20% E cap	10UF 250V 20% CC
CL14	266.243	330PF 1KV 10% Keramik-Kondensator	330PF 1KV 10% C cap	330PF 1kV 10% CC
CL21	100.427.50	14N4F 1K6V 3,5% Filmkondensator	14N4F 1K6V 3,5% Film cap	14N4F 1K6V 3,5% Condensateur
CL22	102.635.40	27N0F 400V 5% Filmkondensator	27N0F 400V 5% Film cap	27N0F 400V 5% Condensateur
CL25	256.712	1U5F 160V 10% Filmkondensator	1U5F 160V 10% Film cap	1U5F 160V 10% Condensateur film
CL26	100.608.30	1U0F 250V 20% Elko	1U0F 250V 20% E cap	1U0F 250V 20% C chimique
CL44	101.220.40	4U7F 160V 20% Elko	4U7F 160V 20% E cap	4U7F 160V 20% C chimique
CP01	103.139.00	0U1F 275V 20% Kondensator	0U1F 275V 20% MPoly cap	0U1F 275V 20% C MP
CP02	103.139.00	0U1F 275V 20% Kondensator	0U1F 275V 20% MPoly cap	0U1F 275V 20% C MP
CP07	100.587.40	4N7F 1KV Keramik-Kondensator	4N7F 1KV C cap	4N7F 1KV C ceramique
CP08	309.442.972	1N5F 1KV Keramik-Kondensator	1N5F 1KV C cap	1N5F 1KV C ceramique
CP09	100.587.40	4N7F 1KV Keramik-Kondensator	4N7F 1KV C cap	4N7F 1KV C ceramique
CP11	309.418.404	150UF 385V Elko	150UF 385V E cap	150UF 385V CC
CP13	339.590.226	1500PF 1KV Kondensator	1500PF 1KV Cap	1500PF 1KV Condensateur
CP21	238.266	330PF 400V 20% Keramikkondersator	330PF 400V 20% C cap	330PF 400V 20% C ceramique
CP24	238.266	330PF 400V 20% Keramikkondersator	330PF 400V 20% C cap	330PF 400V 20% C ceramique
CP49	309.440.686	1NF 400V 20% Keramik-Kondensator	1NF 400V 20% C capacitor	1NF 400V 20% Condensateur
CP51	309.442.975	470PF 2KV Keramik-Kondensator	470PF 2KV C cap	470PF 2kV CC
CP52	102.441.20	100UF 200V 20% Elko	100UF 200V 20% E cap	100UF 200V 20% CC
CP53	238.266	330PF 400V 20% Keramikkondersator	330PF 400V 20% C cap	330PF 400V 20% C ceramique
DB01	704.023.51	BZT03/D150 Diode	BZT03/D150 Diode	BZT03/D150 Diode
DB04	464.612	1N4004 Diode	1N4004 Diode	1N4004 Diode

Pos.	Art.-Nr Part No. Code	Bezeichnung		Part		Désignation	
DB07	309.325.951	1N4001 Diode		1N4001 Diode		1N4001 Diode	
DB26	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DB28	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DB31	102.224.20	BAV203 Diode	SMD	BAV203 Diode	SMD	BAV203 Diode	SMD
DB32	462.299	BAV21 Diode		BAV21 Diode		BAV21 Diode	
DB46	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DB48	309.325.927	1N4148 Diode		1N4148 Diode		1N4148 Diode	
DB51	102.224.20	BAV203 Diode	SMD	BAV203 Diode	SMD	BAV203 Diode	SMD
DB52	102.224.20	BAV203 Diode	SMD	BAV203 Diode	SMD	BAV203 Diode	SMD
DB66	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DB71	102.224.20	BAV203 Diode	SMD	BAV203 Diode	SMD	BAV203 Diode	SMD
DB72	102.224.20	BAV203 Diode	SMD	BAV203 Diode	SMD	BAV203 Diode	SMD
DF01	309.325.927	1N4148 Diode		1N4148 Diode		1N4148 Diode	
DF02	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DF07	160.300.60	ZMM15 Z-Diode	SMD	ZMM15 Z-Diode		ZMM15 Z-Diode	
DF11	103.518.80	P4KE56A Z-Diode		P4KE56A Z-Diode		P4KE56A Z-Diode	
DF30	102.224.20	BAV203 Diode	SMD	BAV203 Diode	SMD	BAV203 Diode	SMD
DF31	309.325.056	BA157 Diode		BA157 Diode		BA157 Diode	
DH01	353.111.2001	ZTK33C IC		ZTK33C IC		ZTK33C CI	
DH02	243.375	BZX55B13V Z-Diode		BZX55B13V Z-Diode		BZX55B13V Z-Diode	
DI01	309.325.201	BA582 Diode	SMD	BA582 Diode		BA582 Diode	
DI51	309.325.201	BA582 Diode	SMD	BA582 Diode		BA582 Diode	
DL06	102.224.20	BAV203 Diode	SMD	BAV203 Diode	SMD	BAV203 Diode	SMD
DL07	102.224.20	BAV203 Diode	SMD	BAV203 Diode	SMD	BAV203 Diode	SMD
DL08	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DL11	309.325.056	BA157 Diode		BA157 Diode		BA157 Diode	
DL12	266.534	BY397 Diode		BY397 Diode		BY397 Diode	
DL13	266.534	BY397 Diode		BY397 Diode		BY397 Diode	
DL15	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DL21	276.169	BY228 Diode		BY228 Diode		BY228 Diode	
DL22	266.280	BYW76 Diode		BYW76 Diode		BYW76 Diode	
DL25	309.325.056	BA157 Diode		BA157 Diode		BA157 Diode	
DL26	309.325.056	BA157 Diode		BA157 Diode		BA157 Diode	
DL34	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DL38	309.325.056	BA157 Diode		BA157 Diode		BA157 Diode	
DL41	462.299	BAV21 Diode		BAV21 Diode		BAV21 Diode	
DL60	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DL61	309.325.927	1N4148 Diode		1N4148 Diode		1N4148 Diode	
DL62	309.325.927	1N4148 Diode		1N4148 Diode		1N4148 Diode	
DL63	339.529.957	ZPD24 Z-Diode		ZPD24 Z-Diode		ZPD24 Z-Diode	
DP06	102.661.30	M100M Diode		M100M Diode		M100M Diode	
DP07	102.661.30	M100M Diode		M100M Diode		M100M Diode	
DP08	102.661.30	M100M Diode		M100M Diode		M100M Diode	
DP09	102.661.30	M100M Diode		M100M Diode		M100M Diode	
DP13	490.007.4145	MUR160 Diode		MUR160 Diode		MUR160 Diode	
DP17	266.939	ZPD15V Z-Diode		ZPD15V Z-Diode		ZPD15V Z-Diode	
DP21	309.325.056	BA157 Diode		BA157 Diode		BA157 Diode	
DP22	110.736.70	BZX55C11 Z-Diode		BZX55C11 Z-Diode		BZX55C11 Z-Diode	
DP23	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DP24	309.325.056	BA157 Diode		BA157 Diode		BA157 Diode	
DP32	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DP40	309.325.056	BA157 Diode		BA157 Diode		BA157 Diode	
DP41	309.327.124	ZPD2,7, Z-Diode		ZPD2,7, Z-Diode		ZPD2,7, Z-Diode	
DP44	309.325.927	1N4148 Diode		1N4148 Diode		1N4148 Diode	
DP45	339.527.177	LL4148 Diode	SMD	LL4148 Diode		LL4148 Diode	
DP50	464.449	BA159 Diode		BA159 Diode		BA159 Diode	
DP51	160.085.60	BY399S Diode		BY399S Diode		BY399S Diode	

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
DP53	309.325.087	BY297 Diode	BY297 Diode	BY297 Diode
DP54	309.325.951	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP55	160.089.00	BYV10-20 Diode	BYV10-20 Diode	BYV10-20 Diode
DP61	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DR03	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DS10	309.325.104	BZX85C8V2 Diode	BZX85C8V2 Diode	BZX85C8V2 Diode
DS40	102.224.20	BAV203 Diode SMD	BAV203 Diode SMD	BAV203 Diode SMD
DS41	102.224.20	BAV203 Diode SMD	BAV203 Diode SMD	BAV203 Diode SMD
DT01	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DT02	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DT03	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DT04	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DV03	309.325.927	1N4148 Diode	1N4148 Diode	1N4148 Diode
DX13	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
FI01	103.192.60	38M9HZ Filter LA7x7	38M9HZ Filter	38M9HZ Filtre
FI02	103.192.60	38M9HZ Filter LA7x7	38M9HZ Filter	38M9HZ Filtre
FI10	102.294.20	OFWG3967M Oberflächenwellenfilter	Surface acoustic wave filter	Filtre a onde de surface
FI20	101.764.50	OFWK9453M Oberflächenwellenfilter	Surface acoustic wave filter	Filtre a onde de surface
FI30	103.384.60	77M8HZ Filter LA7x7	77M8HZ Filter	77M8HZ Filtre
FI40	103.193.50	6M6HZ Filter LA7x7	6M6HZ Filter	6M6HZ Filtre
FP01	309.627.916	2,5AT 250V Sicherung	2,5A Fuse	2,5A Fusible
IB01	102.314.40	TEA5101B IC	TEA5101B IC	TEA5101B CI
IB01C	261.825	Montageclip 1	Clip 1	Agrafe 1
IC01	201.669.90	STV2180 IC	STV2180 IC	STV2180 CI
IF01	150.534.40	TDA8177 IC	TDA8177 IC	TDA8177 CI
IF01B	252.593	Silikonscheibe	Silicon plate	Rondelle silicone
IF01C	261.827	Montageclip	Clip	Agrafe
IF02	102.645.10	STV2145 IC	STV2145 IC	STV2145 CI
II50	102.878.30	TDA9811/V1 IC	TDA9811/V1 IC	TDA9811/V1 CI
IP01	101.617.50	TDA4605 IC	TDA4605 IC	TDA4605 CI
IP50	276.680	MC7812CT IC	IC, MC7812CT	CI, MC7812CT
IP60	103.373.70	4N25TV Fotokoppler	4N25TV Photo couplers	4N25TV Photo coupleur
IP70	309.368.734	TDA8139 IC	TDA8139 IC	TDA8139 IC
IP70C	309.903.844	Montageclip	Clip metal	Agrafe
IP80	309.368.470	UA7805CSP/MC7805 IC	UA7805CSP IC	UA7805CSP CI
IP80C	261.827	Montageclip	Clip	Agrafe
IR01	103.421.60	ST9291J7B1 IC prog. o. S.	ST9291J7B1 IC	ST9291J7B1 CI
IR01	300.496.10	ST9291J7B1 IC prog. m. S.	ST9291J7B1 IC	ST9291J7B1 CI
IR01A	309.689.966	42polig IC-Fassung	IC socket 42pole	Support CI 42 voies
IR02	490.008.0378	ST24C04/B1 IC	ST24C04/B1 IC	ST24C04/B1 CI
IS40	101.810.00	MSP3410-TC15/24 IC	MSP3410-TC15/24 IC	MSP3410-TC15/24 CI
IS40	103.191.70	MSP3400C IC	MSP3400C IC	MSP3400C CI
IS80	102.811.50	TDA7263 IC	TDA7263 IC	TDA7263 CI
IS80C	102.954.80	Montageclip 4	Clip 4	Agrafe 4
IT01	102.588.10	SAA5281ZP/E IC	SAA5281ZP/E IC	SAA5281ZP/E CI
IV01	201.658.10	STV2118 IC	STV2118 IC	STV2118 CI

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
IX01	309.368.592	LA7221 IC	LA7221 IC	LA7221 CI
LB01.	140.366.40	10UH Spule SMD	10UH Coil SMD	10UH Bobine SMD
LC01	140.366.40	10UH Spule SMD	10UH Coil SMD	10UH Bobine SMD
LC02	140.366.40	10UH Spule SMD	10UH Coil SMD	10UH Bobine SMD
LF45	140.366.40	10UH Spule SMD	10UH Coil SMD	10UH Bobine SMD
LI50	339.349.718	27UH Spule	27UH Coil	27UH Self
LL05	103.194.10 S	Diodensplit-Trafo M30	Diode split transformer	Transformateur THT
LL10	100.626.10	18U 10% Drossel	18U 10% Choke coil	18U 10% Self
LL19	309.309.992 S	Treibertransformator	Driver transformer	Transformateur
LL22	100.950.60 S	Kombi-Spule	Combi coil	Bobine
LL26	508.732.54 S	30U5H Spule, H-Linearität	30U5H H-Linearity coil	30U5H Bobine linearite
LP01	102.615.30 S	60MIH Filter TF-Mains	Line filter	Self de filtrage
LP16	103.027.20 S	Trafo Schaltnetzteil SMT4	Switched mode power transformer	Transformateur d'alimentation
LR02	140.366.40	10UH Spule SMD	10UH Coil SMD	10UH Bobine SMD
LR26	150.401.10	3U3H 10% Drossel	3U3H 10% Choke coil	3U3H 10% Self
LR28	150.401.10	3U3H 10% Drossel	3U3H 10% Choke coil	3U3H 10% Self
LS10	309.250.052	4U7H Drossel	4U7H Choke coil	4U7H Self
LS25	246.995	4U7H 10% Drossel	4U7H 10% Choke coil	4U7H 10% Self
LS40	130.919.50	15UH 10% Drossel	15UH 10% Choke coil	15UH 10% Self
LS41	130.919.50	15UH 10% Drossel	15UH 10% Choke coil	15UH 10% Self
LV16	266.408	10UH Drossel	10UH Choke coil	10UH Self
LV17	266.408	10UH Drossel	10UH Choke coil	10UH Self
LV18	266.408	10UH Drossel	10UH Choke coil	10UH Self
LX41	140.366.40	10UH Spule SMD	10UH Coil SMD	10UH Bobine SMD
PI50	339.509.716	22KR 30% Trimmwiderstand	22KR 30% Trimmer resistor	22KR 30% Resistance ajustable
PP66	339.509.703	4K7 Potentiometer	4K7 Potentiometer	4K7 Potentiometre
QC01	100.877.10	4M433619 HZ Quarz	4M433619HZ Crystal	4M433619HZ Quartz
QC02	100.877.20	3M579545HZ Quarz	3M579545HZ Crystal	3M579545HZ Quartz
QR01	309.335.731	8M0HZ Quarz	8M0HZ Crystal	8M0HZ Quartz
QS40	103.346.70	18M432HZ Quarz	18M432HZ Crystal	18M432HZ Quartz
QS40	242.224	18M432HZ Quarz	18M432HZ Crystal	18M432HZ Quartz
QT01	102.541.20	27MHZ Quarz	27MHZ Crystal	27MHZ Quartz
QV01	309.160.840	CSB503B Keramikfilter	CSB503B Ceramic filter	CSB503B Filtre ceramice
RB01	101.218.80	1K5R 0,5W 5% Widerstand	1K5R 0,5W 5% Resistor agglom.	1K5R 0,5W 5% Resistance
RB04	101.218.80	1K5R 0,5W 5% Widerstand	1K5R 0,5W 5% Resistor agglom.	1K5R 0,5W 5% Resistance
RB16	266.672 S	2K2R 0,3W 5% Sicherheitswiderstand	2K2R 0,3W 5% Fusible resistor	2K2R 0,3W 5% Résistance fusible
RB24	804.362.30	82K 0,5W 5% Widerstand	82K 0,5W 5% Resistor agglom.	82K 0,5W 5% Resistance
RB31	101.218.80	1K5R 0,5W 5% Widerstand	1K5R 0,5W 5% Resistor agglom.	1K5R 0,5W 5% Resistance
RB44	804.362.30	82K 0,5W 5% Widerstand	82K 0,5W 5% Resistor agglom.	82K 0,5W 5% Resistance
RB51	101.218.80	1K5R 0,5W 5% Widerstand	1K5R 0,5W 5% Resistor agglom.	1K5R 0,5W 5% Resistance
RB64	804.362.30	82K 0,5W 5% Widerstand	82K 0,5W 5% Resistor agglom.	82K 0,5W 5% Resistance
RB71	101.218.80	1K5R 0,5W 5% Widerstand	1K5R 0,5W 5% Resistor agglom.	1K5R 0,5W 5% Resistance
RC04	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
TP22	339.556.787	BC337-40 Transistor	BC337-40 Transistor	BC337-40 Transistor
TP40	102.599.10	BTB06-600C TRIAC Transistor	BTB06-600C TRIAC Transistor	BTB06-600C TRIAC Transistor
TP48	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TP60	309.001.226	BC558B Transistor	BC558B Transistor	BC558B Transistor
TP61	309.001.226	BC558B Transistor	BC558B Transistor	BC558B Transistor
TP91	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TP96	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TR01	242.013	BC848C Transistor, SMD	BC848C Transistor, SMD	BC848C Transistor, SMD
TR02	242.013	BC848C Transistor, SMD	BC848C Transistor, SMD	BC848C Transistor, SMD
TS20	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TS81	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TS90	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TT01	242.013	BC848C Transistor, SMD	BC848C Transistor, SMD	BC848C Transistor, SMD
TV62	339.556.787	BC337-40 Transistor	BC337-40 Transistor	BC337-40 Transistor
TX10	309.001.293	BC548B Transistor	BC548B Transistor	BC548B Transistor
TX30	309.001.226	BC558B Transistor	BC558B Transistor	BC558B Transistor
TX31	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
-	309.699.432	Hochspannungskabel Anode	High tension cable	D'energie haute tension
-	309.699.434	Fokuskabel dünn 460mm	Focus cable 460mm	Cable focus 460mm
-	100.005.80	Halter PSB	Holder PSB	Support PSB
-	102.997.70	Klemmstück	Guide Wire	Guide Cable
-	246.545	Schutzkappe 4,3 Spannungskabel	Protection cap for high voltage cable	Capot plastique
-	251.200.40	Chassisrahmen	Chassis frame	Chassis plastique

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
RF11	309.580.973 S	1R5 0,5W 5% Sicherheitswiderstand	1R5 0,5W 5% Fusible resistor	1R5 0,5W 5% Resistance fusible
RF12	309.530.698	1R 0,7W 5% Metalloxydwiderstand	1R 0,7W 5% Metal oxide resistor	1R 0,7W 5% Resistance metallique
RF15	108.833.00 S	10R 0,5W 5% Sicherheitswiderstand	10R 0,5W 5% Fusible resistor	10R 0,5W 5% Résistance fusible
RF20	102.337.20	220R 0,7W 1% Metallfilmwiderstand	220R 0,7W 1% Metal film resistor	220R 0,7W 1% Resistance metall.
RH01	130.015.40	22KR 2W 5% Metalloxydwiderstand	22KR 2W 5% Metal oxide resistor	22KR 2W 5% Resistance metallique
RL10	102.332.20	47R 0,5W 5% Widerstand	47R 0,5W 5% Resistor agglom.	47R 0,5W 5% Resistance
RL11	309.580.969 S	15R 0,5W 5% Sicherheitswiderstand	15R 0,5W 5% Fusible resistor	15R 0,5W 5% Resistance fusible
RL12	243.800 S	2R2 0,5W 5% Sicherheitswiderstand	2R2 0,5W 5% Fusible resistor	2R2 0,5W 5% Résistance fusible
RL13	130.501.70 S	0R270 0,7W +5% Sicherheitswiderstand	0R270 0,7W +5% Fusible resistor	0R270 0,7W +5% Resistance fusible
RL25	600.226.00 S	10KR 0,5W 5% Sicherheitswiderstand NB	10KR 0,5W 5% Fusible resistor	10KR 0,5W 5% Résistance fusible
RL26	309.580.952 S	1KR 0,5W 10% Sicherheitswiderstand	1KR 0,5W 10% Fusible resistor	1KR 0,5W 10% Resistance fusible
RL31	309.580.990 S	8R2 0,3W 5% Sicherheitswiderstand	8R2 0,3W 5% Fusible resistor	8R2 0,3W 5% Résistance fusible
RL32	309.536.940	33R 2W 5% Metalloxydwiderstand	33R 2W 5% Metal oxide resistor	33R 2W 5% Resistance metallique
RL47	411.198.02 S	3R3 0,35W 5% Sicherheitswiderstand	3R3 0,35W 5% Fusible resistor	3R3 0,35W 5% Résistance fusible
RL90	004.114.2109	432KR 0,4W 1% Metallfilmwiderstand	432KR 0,4W 1% Metal film resistor	432KR 0,4W 1% Resistance metall.
RP01	102.838.40	2R7 2,5W 5% Drahtwiderstand	2R7 2,5W 5% Wire resistor	2R7 2,5W 5% Resistance bobine
RP02	309.540.641	470KR 0,7W 5% Schichtwiderstand	470KR 0,7W 5% Film resistor	470KR 0,7W 5% Resist.a couche
RP03	309.560.952	25R PTC-Widerstand	25R PTC resistor	25R Resistance CTP
RP10	490.008.0173	220KR 0,4W 1% Metallfilmwiderstand	220KR 0,4W 1% Metal film resistor	220KR 0,4W 1% Resistance metall.
RP11	490.008.0173	220KR 0,4W 1% Metallfilmwiderstand	220KR 0,4W 1% Metal film resistor	220KR 0,4W 1% Resistance metall.
RP12	490.008.0173	220KR 0,4W 1% Metallfilmwiderstand	220KR 0,4W 1% Metal film resistor	220KR 0,4W 1% Resistance metall.
RP13	100.092.80	270R 5W 5% Drahtwiderstand	270R 5W 5% Wire resistor	270R 5W 5% Resistance bobine
RP32	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RP40	339.537.717 S	1R 0,3W 5% Sicherheitswiderstand	1R 0,3W 5% Fusible resistor	1R 0,3W 5% Résistance fusible
RP49	406.517	10MR 0,7W 5% Schichtwiderstand	10MR 0,7W 5% Film resistor	10MR 0,7W 5% Resist. a couche
RP50	309.556.316	150R 3W 5% Drahtwiderstand	150R 3W 5% Wire resistor	150R 3W 5% Resistance bobine
RS12	309.533.636 S	18R 0,3W 5% Sicherheitswiderstand	18R 0,3W 5% Fusible resistor	18R 0,3W 5% Resistance fusible
RS87	400.164 S	4R7 0,3W 5% Sicherheitswiderstand	4R7 0,3W 5% Fusible resistor	4R7 0,3W 5% Résistance fusible
RS88	400.164 S	4R7 0,3W 5% Sicherheitswiderstand	4R7 0,3W 5% Fusible resistor	4R7 0,3W 5% Résistance fusible
RX14	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RX32	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
TB18	309.001.226	BC558B Transistor	BC558B Transistor	BC558B Transistor
TF29	309.001.293	BC548B Transistor	BC548B Transistor	BC548B Transistor
TH01	249.063	BC847B Transistor SMD	BC847B Transistor	BC847B Transistor
TH02	242.012	BC858/C Transistor SMD	BC858/C Transistor	BC858/C Transistor
TH03	242.012	BC858/C Transistor SMD	BC858/C Transistor	BC858/C Transistor
TH04	242.012	BC858/C Transistor SMD	BC858/C Transistor	BC858/C Transistor
TH05	339.556.787	BC337-40 Transistor	BC337-40 Transistor	BC337-40 Transistor
TI10	339.553.077	DTC144EK Transistor	DTC144EK Transistor	DTC144EK Transistor
TI20	905.613.25	BF771 Transistor SMD	BF771 Transistor	BF771 Transistor
TI70	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TL19	309.001.371	BUH517TH Transistor	BUH517TH Transistor	BUH517TH Transistor
TL19C	261.825	Montageclip 1	Clip 1	Agrafe 1
TL30	309.001.293	BC548B Transistor	BC548B Transistor	BC548B Transistor
TL31	339.556.787	BC337-40 Transistor	BC337-40 Transistor	BC337-40 Transistor
TL41	450.493.00	BD681 Transistor	BD681 Transistor	BD681 Transistor
TL41B	252.593	Silikonscheibe	Silicon plate	Rondelle silicone
TL41C	703.966.00	Montageclip	Clip	Agrafe
TL60	309.001.293	BC548B Transistor	BC548B Transistor	BC548B Transistor
TP16	102.375.50	STP6NA60FI Trans.PWR-SWITCH	STP6NA60FI Trans.PWR-SWITCH	STP6NA60FI Trans.PWR-SWITCH
TP16C	261.827	Montageclip	Clip	Agrafe

ABBREVIATIONS - ABREVIATIONS - ABKÜRZUNGEN - ABBREVIAZIONI - ABREVIACIONES

● AF
AUDIO FREQUENCY
FREQUENCE AUDIO

● BCL
BEAM CURRENT INFORMATION
INFORMATION COURANT DE FAISCEAU

● BU
TUNER UHF BAND CONTROL OUTPUT
SELECTION DE LA BANDE UHF DU TUNER

● BI
TUNER BAND 1 CONTROL OUTPUT
SELECTION DE LA BANDE I

● BIII
TUNER BAND 3 CONTROL OUTPUT
SELECTION DE LA BANDE 3

● CVBS
COMPOSITE VIDEO / LUMINANCE SIGNAL
SIGNAL VIDEO COMPOSITE

● DEGAUSS
DEGAUSS SIGNAL
SIGNAL DE COMMANDE DE DEMAGNETISATION

● EWDRIVE
DRIVE SIGNAL FOR EAST-WEST CORRECTION
SIGNAL DE COMMANDE CORRECTION EST-OUEST

● EWSENSE
FEED BACK SIGNAL OF EAST-WEST CORRECTION
SIGNAL DE CONTRE-REACTION EST-OUEST

● FORMAT
COMMAND USED TO CHANGE THE PICTURE FORMAT
COMMANDE UTILISEE POUR CHANGER LE FORMAT

● FB
FAST BLANKING
COMMUTATION RAPIDE

● HDRV
HORIZONTAL DEFLECTION SIGNAL
SIGNAL DE COMMANDE DE BALAYAGE HORIZONTAL

● +H
POSITION FLY BACK PULSE
IMPULSION DE RETOUR LIGNE DE REFERENCE

● HEATER
HEATER VOLTAGE
TENSION DE FILAMENT

● I-CUT
CUTOFF CURRENT
COURANT DE CUTOFF

● IR
DATA FROM INFRARED RECEIVER
DONNEES ISSUES DU RECEPTEUR INFRAROUGE

● S
VERTICAL S - CORRECTION
CORRECTION S VERTICALE

● SAFETY
SIGNAL FOR DETECT. OF ERRORS ON THE DEFLEC.PART
SIGNAL DE DETECT. D'ERREURS PARTIE DEFLECTION

● SCL
SERIAL CLOCK
SIGNAL HORLOGE SERIE

● SDA
SERIAL DATA
DONNEE SERIE

● SIF
SOUND IF
FI SON

● VTUNE
TUNING VOLTAGE
TENSION DU TUNER

● VSYNC
VERTICAL DEFLECTION SIGNAL
SIGNAL DE COMMANDE BALAYAGE VERTICAL